Safety Data Sheet

Version 2 Issuing Date 12-May-2015 Revision Date 12-May-2015

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM001

CIO 969

CHING BLANKS SINCE 1969 **Product name** ACID YELLOW 19 DAD 401 Brilliant Yellow

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Recommended use Industrial Use Only. No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, Ca 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Yellow Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

Revision Date 12-May-2015 DM001 / ACID YELLOW 19

4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

DM001 / ACID YELLOW 19 Revision Date 12-May-2015

Precautions for Safe Handling

Advice on safe handling Avoid contact with ski

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Yellow Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

DM001 / ACID YELLOW 19 Revision Date 12-May-2015

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available **Flash Point**

Evaporation Rate no data available

flammability (solid, gas) no data available no data available

Flammability Limits in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available vapor pressure No information available Vapor Density No information available Specific gravity No information available

Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available

Dynamic viscosity No information available **Explosive Properties** No information available No information available **Oxidizing properties**

OTHER INFORMATION

No information available softening point Molecular Weight

VOC Content(%) No information available. density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Not an expected route of exposure. Do NOT taste or swallow. **INGESTION**

DM001 / ACID YELLOW 19 Revision Date 12-May-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity

Reproductive Toxicity
Specific target organ systemic

toxicity (cingle expecure)

No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

No information available.

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

Revision Date 12-May-2015 DM001 / ACID YELLOW 19

Description **NOT REGULATED**

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Listed DSL Listed

NDSL Not Determined

PICCS Listed **ENCS** Listed **IECSC** Listed **AICS** Listed **KECL** Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

SLANIES SINCE 1969 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH** registration number

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO. Chronic health hazard NO. NO. Fire hazard Sudden Release of Pressure Hazard NO. **Reactive Hazard** NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM001 / ACID YELLOW 19 Revision Date 12-May-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

12-May-2015 **Revision Date**

No information available. **Revision note**

Restrictions on use No information available.

WWW.DHARMATRADING.COM. **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Version 2 Issuing Date 29-Apr-2015 Revision Date 28-Apr-2015

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM003

Alle BLANKS SINCE 1969 **Product name** ACID RED 266 DAD 402 Fire Engine Red

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Recommended use Industrial Use Only. No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Red Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Toxic to aquatic life

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

DM003 / ACID RED 266 Revision Date 28-Apr-2015

3. Composition/information on Ingredients

Chemical Name	CAS-No	Weight %	Trade secret
ACID RED 266	57741-47-6	100%	*

4. First aid measures

First aid measures for different exposure routes

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. **Eye Contact**

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

INGESTION Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Use personal protective equipment. For personal **Personal Precautions**

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

DM003 / ACID RED 266 Revision Date 28-Apr-2015

Methods for Cleaning Up

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products

None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

DM003 / ACID RED 266 Revision Date 28-Apr-2015

No information available appearance Red Odor

No information available odor threshold

VALUES Remarks • Method Property No information available

melting point N/A No information available

Boiling point/boiling range **Flash Point** No information available

Evaporation Rate no data available

no data available flammability (solid, gas)

Flammability Limits in Air

Upper Flammability Limit No information available **Lower Flammability Limit** No information available vapor pressure No information available **Vapor Density** No information available Specific gravity No information available Solubility in Other Solvents No information available

Partition coefficient: n-octanol/waterNo information available **Autoignition Temperature** No Data Available decomposition temperature No information available Kinematic viscosity No Data Available

Dynamic viscosity No information available **Explosive Properties** No information available No information available **Oxidizing properties**

OTHER INFORMATION

No information available softening point **Molecular Weight**

VOC Content(%) No information available. No information available density

Continue Blanks SINCE 1969 10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product does not present an acute toxicity hazard based on known or supplied information **Product information**

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

DM003 / ACID RED 266 Revision Date 28-Apr-2015

Skin Contact Avoid contact with skin.

INGESTION Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

Symptoms No information available.

CACE 1969 Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available. sensitization No information available. Germ cell mutagenicity No information available. carcinogenicity **Reproductive Toxicity** No information available. Specific target organ systemic No information available. toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure)

No information available.

Aspiration Hazard

No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

No information available **Other Adverse Effects**

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

NOT REGULATED Description

MEX

DM003 / ACID RED 266 Revision Date 28-Apr-2015

IATA

Description NOT REGULATED

IMDG

Description NOT REGULATED

<u>RID</u>

<u>ADN</u>

15. Regulatory Information ermined ermined

International Inventories

TSCA Listed
EINECS/ELINCS Listed
DSL Listed

NDSL Not Determined

PICCS Listed
ENCS Listed
IECSC Listed
AICS Listed
KECL Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

REACH registration number.

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO.
Chronic health hazard NO.
Fire hazard NO.
Sudden Release of Pressure Hazard NO.
Reactive Hazard NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Revision Date 28-Apr-2015 DM003 / ACID RED 266

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level CIPCE 1969 pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard flammability 1 Physical hazard 0 **PERSONAL PROTECTION** F

16. Other Information

28-Apr-2015 **Revision Date**

Revision note No information available.

Restrictions on use No information available.

WWW.DHARMATRADING.COM. **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Version 2 Issuing Date 29-Apr-2015 Revision Date 28-Apr-2015

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM004

Alle BLANKS SINCE 1969 **Product name** DILUTE RED 266 DAD 403 Flamingo Pink

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Industrial Use Only. Recommended use No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 95954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Red Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Toxic to aquatic life

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

DM004 / DILUTE RED 266 Revision Date 28-Apr-2015

3. Composition/information on Ingredients

4. First aid measures

First aid measures for different exposure routes

.d upper Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. **Eye Contact**

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

INGESTION Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

No information available. **Main Symptoms**

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

Revision Date 28-Apr-2015 DM004 / DILUTE RED 266

7. Handling and Storage

Precautions for Safe Handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of Advice on safe handling

insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use

personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

This product, as supplied, does not contain any hazardous materials with occupational **Exposure guidelines**

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be **Eye/Face Protection**

> provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection

Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Red Odor No information available

odor threshold No information available

DM004 / DILUTE RED 266 Revision Date 28-Apr-2015

Property **VALUES** Remarks • Method No information available Hq melting point N/A Boiling point/boiling range No information available **Flash Point** No information available **Evaporation Rate** no data available flammability (solid, gas) no data available no data available CIC 1969

AND SINCE 1969

AND SINCE 1969 Flammability Limits in Air **Upper Flammability Limit** No information available **Lower Flammability Limit** No information available No information available vapor pressure No information available **Vapor Density** No information available Specific gravity Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available **Autoignition Temperature** No Data Available No information available decomposition temperature No Data Available Kinematic viscosity Dynamic viscosity No information available **Explosive Properties** No information available **Oxidizing properties** No information available OTHER INFORMATION softening point No information available Molecular Weight

10. Stability and Reactivity

No information available. No information available

Reactivity

density

no data available

VOC Content(%)

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes. **Skin Contact** Avoid contact with skin.

INGESTION Not an expected route of exposure. Do NOT taste or swallow.

DM004 / DILUTE RED 266 Revision Date 28-Apr-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available.

No information available. sensitization Germ cell mutagenicity No information available. carcinogenicity No information available. **Reproductive Toxicity** No information available. No information available. Specific target organ systemic toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure)

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

Sellyck 1969 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity **Unknown Acute Toxicity**

12. Ecological Information

ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

No information available Other Adverse Effects

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

NOT REGULATED Description

MEX

IATA

NOT REGULATED Description

DM004 / DILUTE RED 266 Revision Date 28-Apr-2015

IMDG

Description NOT REGULATED

RID

ADN

15. Regulatory Information

International Inventories

TSCA Listed
EINECS/ELINCS Listed
DSL Listed

NDSL Not Determined

PICCS Listed
ENCS Listed
IECSC Listed
AICS Listed
KECL Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances **IECSC** - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

REACH registration numberKeystone has taken all relative steps to ensure REACH-Compliance. Please contact us with

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

G BLANKS SINCE 1969

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO.
Chronic health hazard NO.
Fire hazard NO.
Sudden Release of Pressure Hazard NO.
Reactive Hazard NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM004 / DILUTE RED 266 Revision Date 28-Apr-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

28-Apr-2015 **Revision Date**

Revision note No information available.

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Issuing Date 18-May-2015 Revision Date 18-May-2015 Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM005

Product name ACID BLUE 25 DAD 404 Sapphire Blue

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Blue Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

DM005 / ACID BLUE 25 Revision Date 18-May-2015

4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

DM005 / ACID BLUE 25 Revision Date 18-May-2015

Precautions for Safe Handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of

insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Evewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Blue Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

DM005 / ACID BLUE 25 Revision Date 18-May-2015

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available Flash Point

Evaporation Rate no data available

flammability (solid, gas) no data available no data available

No information available

Flammability Limits in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available vapor pressure No information available Vapor Density No information available Specific gravity No information available

Solubility in Other Solvents No information available

Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available **Dynamic viscosity** No information available **Explosive Properties** No information available

OTHER INFORMATION

Oxidizing properties

No information available softening point

Molecular Weight

VOC Content(%) No information available. density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Not an expected route of exposure. Do NOT taste or swallow. **INGESTION**

DM005 / ACID BLUE 25 Revision Date 18-May-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity

Reproductive Toxicity
Specific target organ systemic

toxicity (cingle exposure)

No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

Aspiration Hazard

No information available.

No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

Revision Date 18-May-2015 DM005 / ACID BLUE 25

Description **NOT REGULATED**

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Listed DSL Listed

NDSL Not Determined

PICCS Listed **ENCS** Listed **IECSC** Listed **AICS** Listed **KECL** Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

SLANIES SINCE 1969 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH** registration number

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO. Chronic health hazard NO. NO. Fire hazard Sudden Release of Pressure Hazard NO. **Reactive Hazard** NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM005 / ACID BLUE 25 Revision Date 18-May-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

18-May-2015 **Revision Date**

No information available. **Revision note**

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Issuing Date 20-May-2015 Revision Date 20-May-2015 Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM009

Product name VIOLET MIX 9 DAD 405 Deep Purple

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Violet Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

Chemical Name	CAS-No	Weight %	Trade secret
Acid Violet 90	6408-29-3	20-30	*

4. First aid measures

First aid measures for different exposure routes

er. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. **Eye Contact**

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

Clean mouth with water and drink afterwards plenty of water. **INGESTION**

Most important symptoms/effects, acute and delayed

No information available. **Main Symptoms**

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. **Methods for containment**

Methods for Cleaning Up Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products

None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Acid Violet 90	-	TWA: 0.5 mg/m ³ Cr	IDLH: 15 mg/m ³ Cr(VI) IDLH: 25	
6408-29-3		(vacated) TWA: 0.5 mg/m³ Cr	mg/m³ Cr(III)	
		(vacated) Ceiling: 0.1 mg/m ³	TWA: 0.0002 mg/m3 Cr TWA: 0.5	
		Ceiling: 0.1 mg/m ³ CrO3 applies	mg/m³ Cr	
		to any operations or sectors for	_	
		which the Hexavalent Chromium		
		standard [29 CFR 1910.1026] is		
		stayed or is otherwise not in		
	1.5	effect		

NIOSH IDLH Immediately Dangerous to Life or Health

Exposure guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

Exposure Controls

Engineering Measures

Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face ProtectionTightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the

substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Violet Odor No information available A HE BLANKS

odor threshold No information available

Property **VALUES** Remarks • Method

No information available Hq

melting point N/A

No information available Boiling point/boiling range No information available **Flash Point**

no data available **Evaporation Rate**

no data available flammability (solid, gas) no data available Flammability Limits in Air

Upper Flammability Limit No information available **Lower Flammability Limit** No information available No information available vapor pressure **Vapor Density** No information available

Specific gravity No information available

Solubility in Other Solvents No information available

Partition coefficient: n-octanol/waterNo information available **Autoignition Temperature** No Data Available

decomposition temperature No information available Kinematic viscosity No Data Available No information available **Dynamic viscosity**

No information available **Explosive Properties** No information available **Oxidizing properties**

OTHER INFORMATION

No information available softening point Molecular Weight

VOC Content(%) No information available. No information available density

10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Selling 1969 **INGESTION** Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

No information available. **Symptoms**

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available. sensitization Germ cell mutagenicity No information available.

carcinogenicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Acid Violet 90		Group 3	. —	
6408-29-3				

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans **Reproductive Toxicity** No information available.

Specific target organ systemic No information available.

toxicity (single exposure)

Specific target organ systemic

toxicity (repeated exposure) **Chronic toxicity**

May cause adverse liver effects.

Blood, EYES, Kidney, Liver, Lungs, Respiratory System, skin. Target organ effects

No information available.

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity **Unknown Acute Toxicity**

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

No information available **Other Adverse Effects**

13. Disposal Considerations

Waste treatment

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Acid Violet 90	Toxic
6408-29-3	Corrosive
	Ignitable

REGULATED REGULATED REGULATED

DOT

Description NOT REGULATED

MEX

<u>IATA</u>

Description NOT REGULATED

<u>IMDG</u>

Description NOT REGULATED

RID

ADN

15. Regulatory Information

International Inventories

TSCA Listed Listed Listed

NDSL Not Determined Not Determined Not Determined

PICCS
ENCS
Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Revision Date 20-May-2015

DM009 / VIOLET MIX 9

REACH registration number

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
Acid Violet 90	1.0

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

CWA - Reportable **CWA - Toxic Pollutants CWA - Priority Pollutants** CWA - Hazardous **Chemical Name** Quantities **Substances** Acid Violet 90

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Acid Violet 90		X	X	X	

International regulations

CANADA

WHMIS Note

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

DM009 / VIOLET MIX 9 Revision Date 20-May-2015

HMIS Health Hazard 1 flammability 1 Physical hazard 0 PERSONAL PROTECTION F

16. Other Information

Revision Date 20-May-2015

Revision note No information available.

Restrictions on useNo information available.

Contact Information Website WWW.DHARMATRADING.COM

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Revision Date 03/22/2016 Version 3 Issuing Date 03/22/2016

1. Identification of the Substance/Preparation and of the Company/Undertaking HING BLANKS SINCE 1969

Product Identifier Product Code Product name

ACID RED 52, DAD#406 - FLUORESCENT FUCHSIA

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Recommended use Industrial Use Only. No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, Ca 94954 Telephone: (800)542-5227 **Emergency Telephone Number**

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Red

Physical State Powder

Odor No information available

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

95.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

4. First aid measures

First aid measures for different exposure routes

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. **Eye Contact**

Consult a physician.

Wash skin with soap and water. Skin Contact

INHALATION Move to fresh air.

35INCE 1969 Clean mouth with water and drink afterwards plenty of water. Ingestion

Most important symptoms/effects, acute and delayed

No information available. Main Symptoms

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Use personal protective equipment. For personal **Personal Precautions**

protection see section 8. Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. **Environmental precautions**

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize Methods for Cleaning Up

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products

None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines

<u>=xpoodio gaiaoiiioo</u>			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Amorphous Silica	-	(vacated) TWA: 6 mg/m³ <1%	IDLH: 3000 mg/m³
7631-86-9		Crystalline silica	TWA: 6 mg/m³
		TWA: 20 mppcf	-
		: (80)/(% SiO2) mg/m³ TWA	

NIOSH IDLH Immediately Dangerous to Life or Health

Exposure guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

Revision Date 03/22/2016

THING BLANKS SINCE 1969

appearanceRedOdorNo information available

odor threshold No information available

<u>Property</u> <u>VALUES</u> <u>Remarks • Method</u>

pH No information available

melting point N/A **Boiling point/boiling range** No information available

Boiling point/boiling range

No information available

No information available

Evaporation Rate No data available flammability (solid, gas) no data available

Flammability (solid, gas) no d

Upper Flammability Limit
Lower Flammability Limit
Vapor pressure
Vapor Density
Specific gravity
No information available

Specific gravity
Solubility in Other Solvents
Partition coefficient: n-octanol/waterNo information available
Autoignition Temperature
decomposition temperature
Kinematic viscosity
Dynamic viscosity
Explosive Properties
No information available

OTHER INFORMATION

softening point No information available

Molecular Weight
VOC Content(%)

density

No information available.
No information available

10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Ingestion Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

No information available. **Symptoms**

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No information available. sensitization Germ cell mutagenicity No information available.

Carcinogenicity

Reproductive Toxicity No information available. No information available. Specific target organ systemic

toxicity (single exposure)

Specific target organ systemic

toxicity (repeated exposure) **Aspiration Hazard**

No information available.

No information available.

Numerical Measures of Toxicity - Product information

CINCE 1969 95.5 percent of the mixture consists of ingredient(s) of unknown acute toxicity **Unknown Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 16200 mg/kg ATEmix (dermal) 44865 mg/kg

12. Ecological Information

ecotoxicity

99.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

federal regulations (40 CFR 261).

Do not re-use empty containers. Dispose of in accordance with local regulations. Contaminated Packaging

14. TRANSPORT INFORMATION

DOT

NOT REGULATED Description

MEX

IATA

Description **NOT REGULATED**

IMDG

NOT REGULATED Description

RID

ADN

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Not Determined Not Determined DSL **NDSL** Not Determined **PICCS** Not Determined **ENCS** Not Determined **IECSC** Not Determined **AICS** Not Determined **KECL** Not Determined **NZIoC** Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

HING BLANKS SINCE **EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH registration number**

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

U.S. State Right-to-Know Regulations

California Proposition 65 This product does not con-		65 chemicals		C	1969
U.S. State Right-to-Kn	ow Regulations			4.	CH
					L.
Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Amorphous Silica	X	X	X		

International regulations

CANADA

WHMIS Note

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS flammability **Health Hazard** Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

03/22/2016 **Revision Date**

Revision note No information available. Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Issuing Date 29-Apr-2015 Revision Date 28-Apr-2015 Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM012

Product name ACID BLUE 7 DAD 407 Caribbean Blue

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Blue Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

Precautions for Safe Handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelinesThis product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Evewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Blue Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

no data available

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available **Flash Point**

Evaporation Rate no data available

flammability (solid, gas) no data available

Flammability Limits in Air

Upper Flammability Limit No information available **Lower Flammability Limit** No information available vapor pressure No information available **Vapor Density** No information available Specific gravity No information available

Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available **Dynamic viscosity** No information available **Explosive Properties** No information available

OTHER INFORMATION

Oxidizing properties

softening point Molecular Weight

VOC Content(%) No information available. density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

No information available

No information available

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

INGESTION Not an expected route of exposure. Do NOT taste or swallow.

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity
Reproductive Toxicity
Specific target organ systemic
toxicity (single exposure)

No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

Aspiration Hazard

No information available.

No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

Description **NOT REGULATED**

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Listed DSL Listed

NDSL Not Determined

PICCS Listed **ENCS** Listed **IECSC** Listed **AICS** Listed **KECL** Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

SLANIES SINCE 1969 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH** registration number

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO. Chronic health hazard NO. NO. Fire hazard Sudden Release of Pressure Hazard NO. **Reactive Hazard** NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM012 / ACID BLUE 7 Revision Date 28-Apr-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

28-Apr-2015 **Revision Date**

Revision note No information available.

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Version 2 Issuing Date 15-May-2015 Revision Date 15-May-2015

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM013

Alle BLANKS SINCE 1969 **Product name** ACID GREEN 25 DAD 408 Teal Green

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Recommended use Industrial Use Only. No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Green Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

3. Composition/information on Ingredients

4. First aid measures

First aid measures for different exposure routes

Eye ContactRinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

INGESTION Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

SINCE 1969

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of

insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use

personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelinesThis product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Green Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

melting point N/A

N/A

N/A

Boiling point/boiling range No information available Flash Point No information available

Evaporation Rate no data available

flammability (solid, gas) no data available no data available

No information available

Flammability Limits in Air

Upper Flammability Limit
Lower Flammability Limit
vapor pressure
Vapor Density
Specific gravity
No information available
No information available
No information available
No information available

Solubility in Other Solvents No information available

Partition coefficient: n-octanol/waterNo information available

Autoignition TemperatureNo Data Availabledecomposition temperatureNo information available

decomposition temperatureNo information availableKinematic viscosityNo Data AvailableDynamic viscosityNo information availableExplosive PropertiesNo information availableOxidizing propertiesNo information available

OTHER INFORMATION

softening point
Molecular Weight

VOC Content(%) No information available. No information available

10. Stability and Reactivity

TARILE SINCE 1969

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

INGESTION Not an expected route of exposure. Do NOT taste or swallow.

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity

Reproductive Toxicity
Specific target organ systemic

No information available.
No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic toxicity (repeated exposure)
Aspiration Hazard

No information available.

No information available.

Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 10000 mg/kg

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

5.1HCE 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

Description **NOT REGULATED**

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Listed DSL Listed

NDSL Not Determined

PICCS Listed **ENCS** Listed **IECSC** Listed **AICS** Listed **KECL** Listed

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

SLANIES SINCE 1969 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH** registration number

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO. Chronic health hazard NO. NO. Fire hazard Sudden Release of Pressure Hazard NO. **Reactive Hazard** NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

15-May-2015 **Revision Date**

No information available. **Revision note**

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Issuing Date 20-May-2015 Revision Date 20-May-2015 Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM015

Product name ACID BLUE 113 DAD 409 Dark Navy

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Blue Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

DM015 / ACID BLUE 113 Revision Date 20-May-2015

4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

DM015 / ACID BLUE 113 Revision Date 20-May-2015

Precautions for Safe Handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

regulations. Store in accordance with local regular

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Blue Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

DM015 / ACID BLUE 113 Revision Date 20-May-2015

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available **Flash Point**

Evaporation Rate no data available

flammability (solid, gas) no data available no data available

No information available

Flammability Limits in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available vapor pressure No information available **Vapor Density** No information available Specific gravity No information available

Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available **Dynamic viscosity** No information available

Explosive Properties No information available No information available **Oxidizing properties**

OTHER INFORMATION

softening point Molecular Weight **VOC Content(%)**

No information available.

density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

INGESTION Not an expected route of exposure. Do NOT taste or swallow.

DM015 / ACID BLUE 113 Revision Date 20-May-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity

Reproductive Toxicity
Specific target organ systemic

toxicity (cingle expecure)

No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

No information available.

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

<u>IATA</u>

Description NOT REGULATED

IMDG

DM015 / ACID BLUE 113 Revision Date 20-May-2015

Description NOT REGULATED

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Not Determined DSL Not Determined **NDSL** Not Determined **PICCS** Not Determined **ENCS** Not Determined **IECSC** Not Determined **AICS** Not Determined **KECL** Not Determined **NZIoC** Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

REACH registration numberKeystone has taken all relative steps to ensure REACH-Compliance. Please contact us with

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

CO 1969

ALANYS SINCE 1969

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM015 / ACID BLUE 113 Revision Date 20-May-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

20-May-2015 **Revision Date**

No information available. **Revision note**

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Issuing Date 15-May-2015 Revision Date 15-May-2015 Version 2

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM018

Product name GREEN MIX # 18 DAD 410 Kelly Green

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance greenish

Physical State Powder

Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

Precautions for Safe Handling

Advice on safe handling Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of

insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Eyewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance greenish Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available **Flash Point**

Evaporation Rate no data available

flammability (solid, gas) no data available no data available

No information available

Flammability Limits in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available vapor pressure No information available **Vapor Density** No information available Specific gravity No information available

Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available **Dynamic viscosity** No information available

Explosive Properties No information available No information available **Oxidizing properties**

OTHER INFORMATION

softening point Molecular Weight

VOC Content(%) No information available. density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Not an expected route of exposure. Do NOT taste or swallow. **INGESTION**

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity
Reproductive Toxicity
Specific target organ systemic

No information available.
No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

No information available.

Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

Description NOT REGULATED

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed **EINECS/ELINCS** Not Determined DSL Not Determined **NDSL** Not Determined **PICCS** Not Determined **ENCS** Not Determined **IECSC** Not Determined **AICS** Not Determined **KECL** Not Determined **NZIoC** Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

REACH registration numberKeystone has taken all relative steps to ensure REACH-Compliance. Please contact us with

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

CO CO CE 1969

JANUARY SINCE 1969

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	NO.
Chronic health hazard	NO.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

DM018 / GREEN MIX # 18 Revision Date 15-May-2015

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

15-May-2015 **Revision Date**

No information available. **Revision note**

Restrictions on use No information available.

WWW.DHARMATRADING.COM **Contact Information Website**

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet

Safety Data Sheet

Version 2 Issuing Date 29-Apr-2015 Revision Date 28-Apr-2015

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code DM020

CHING BLANKS SINCE 1969 **Product name** ACID RED 131 DAD 411 Deep Magenta

Recommended use of the chemical and restrictions on use

Synonyms

Supplier's details

Recommended use Industrial Use Only. No information available Uses advised against

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co. 1805 S. McDowell Blvd. Ext. Petaluma, CA 94954 Telephone: (800) 542-5227

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751 Other: Collect 1-813-248-0585

2. Hazards Identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

EMERGENCY OVERVIEW

signal word

Not Hazardous

The product contains no substances which at their given concentration, are considered to be hazardous to health

appearance Red Physical State Powder Odor No information available

precautionary statements

P281 - Use personal protective equipment as required

P262 - Do not get in eyes, on skin, or on clothing

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

3. Composition/information on Ingredients

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4. First aid measures

First aid measures for different exposure routes

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin Contact Wash skin with soap and water.

INHALATION Move to fresh air.

SINCE 1969 **INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Notes to physician

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition Sensitivity to Static Discharge

source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment. For personal

protection see section 8. Ensure adequate ventilation.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize **Methods for Cleaning Up**

spreading and keep powder dry. Take up mechanically, placing in appropriate containers

for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

7. Handling and Storage

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Precautions for Safe Handling

Advice on safe handling Avoid contact with skin, eyes a

Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Provide appropriate exhaust ventilation at places where dust is formed. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with the particular national

regulations. Store in accordance with local regulations.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures Showers

Evewash stations

Ventilation systems. Apply technical measures to comply with the occupational exposure

limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Avoid contact with eyes. Eyewash fountains should be

provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye

protection.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious

protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to

prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling

the product. Wear personal protective equipment.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State Powder

appearance Red Odor No information available

odor threshold No information available

Property VALUES Remarks • Method

pH No information available

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no data available

N/A

N/A

N/A melting point

Boiling point/boiling range No information available No information available Flash Point

Evaporation Rate no data available

flammability (solid, gas) no data available

Flammability Limits in Air

Upper Flammability Limit No information available Lower Flammability Limit No information available vapor pressure No information available **Vapor Density** No information available Specific gravity No information available

Solubility in Other Solvents No information available Partition coefficient: n-octanol/waterNo information available

Autoignition Temperature No Data Available No information available decomposition temperature Kinematic viscosity No Data Available **Dynamic viscosity** No information available **Explosive Properties** No information available

OTHER INFORMATION

Oxidizing properties

softening point Molecular Weight

VOC Content(%) No information available. density No information available

CO BLANKS SINCE 1969 10. Stability and Reactivity

No information available

No information available

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information Product does not present an acute toxicity hazard based on known or supplied information

INHALATION Avoid breathing vapors or mists.

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Not an expected route of exposure. Do NOT taste or swallow. **INGESTION**

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Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization

Germ cell mutagenicity
carcinogenicity

Reproductive Toxicity
Specific target organ systemic

toxicity (cingle exposure)

No information available.
No information available.
No information available.

toxicity (single exposure)
Specific target organ systemic
toxicity (repeated exposure)

Aspiration Hazard

No information available.

No information available.

Numerical Measures of Toxicity - Product information

Unknown Acute Toxicity 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity

12. Ecological Information

ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects No information available

13. Disposal Considerations

Waste treatment

Waste Disposal Methods Should not be released into the environment. Dispose of in accordance with local

regulations. This material, as supplied, is not a hazardous waste according to state and

C.E. 1969

federal regulations (40 CFR 261).

Contaminated Packaging Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Description NOT REGULATED

MEX

IATA

Description NOT REGULATED

IMDG

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Description **NOT REGULATED**

RID

<u>ADN</u>

15. Regulatory Information

International Inventories

TSCA Listed

EINECS/ELINCS Not Determined DSL Not Determined **NDSL** Not Determined **PICCS** Not Determined **ENCS** Listed

IECSC Not Determined **AICS** Not Determined l isted

KECL

NZIoC Not Determined

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

LANKS SINCE 1969 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances IECSC - China Inventory of Existing Chemical Substances AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with **REACH** registration number

any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard NO. Chronic health hazard NO. NO. Fire hazard Sudden Release of Pressure Hazard NO. **Reactive Hazard** NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

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CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

International regulations

CANADA

WHMIS Note

ANKS SINCE 1969 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

HMIS Health Hazard 1 flammability Physical hazard 0 **PERSONAL** PROTECTION F

16. Other Information

28-Apr-2015 **Revision Date**

Revision note No information available.

Restrictions on use No information available.

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