

Safety Data Sheet

Issuing Date 27-Jan-2021

Revision Date 27-Jan-2021

Version 1

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE
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Product Identifier

Product Code

DM484

Product name

PLATINUM

Recommended Use of the Chemical and Restrictions on Use:

For Industrial use only.

Details of the Supplier of the Safety

Data Sheet Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, CA 94954

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751

Other: Collect 1-813-248-0585

SECTION 2	HAZARDS IDENTIFICATION
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GHS Pictogram(s)



Acute Toxicity 5 H303 May be harmful if swallowed
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Signal Word: **WARNING**

Hazard Statements: H303 May be harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary Statements: P261 Avoid breathing dust.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/
international regulations

Other Hazards Which do
not Result in Classification

In the case of dusty organic products the possibility of dust explosion should always be
considered.

<u>SECTION 3</u>	<u>COMPOSITION, INFORMATION ON INGREDIENTS</u>
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Proprietary blend all components are listed in the TSCA inventory

<u>SECTION 4</u>	<u>FIRST AID MEASURES</u>
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Inhalation: Remove person to fresh air immediately while getting immediate medical attention. Use a bag
valve mask or similar device to perform artificial respiration (rescue breathing) if needed.

Skin: Immediately wash skin with soap and plenty of water for at least 15 minutes while
removing contaminated clothing and shoes. Seek immediate medical attention.

Ingestion: Never give anything by mouth or induce vomiting to an unconscious or convulsing person.
Have victim drink plenty of water for dilution effect. Do NOT induce vomiting without
medical advice. Seek immediate medical attention.

Eye: Flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no
evidence of chemical remains at least 15 - 20 minutes. Get immediate medical attention.

Most Important Symptoms
and Effects Both Acute and
Delayed: See Section 2 and/or Section 11.

Indication of any Immediate
Medical Attention and
Special Treatment Needed: People with chronic respiratory problems should not work with
dyestuff powders. If symptoms such as tightness in the chest or asthma occur while
handling dyestuff powders, a physician should be consulted as soon as possible. If
hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

<u>SECTION 5</u>	<u>FIRE FIGHTING MEASURES</u>
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Extinguishing Media: Water spray, alcohol resistant foam or dry chemical.

Unsuitable Extinguishing
Media: CO₂ and high volume water jet as this may scatter and spread fire.

Special Protective
Equipment and Precautions
for Firefighters: Firefighters should wear self-contained breathing apparatus and full protective clothing.
Use water spray to cool fire exposed containers. Move containers from fire area if you can
do so without risk. Avoid inhalation of material or combustion by products. Stay upwind
stay out of low areas.

Specific Hazards Arising
from the Chemical: Like most materials in powder form, powder may be capable of creating dust explosions.
Observe the usual precautionary measures required for chemicals with dust explosive
properties. Decomposition can produce toxic and irritating fumes and gases of CO_x, NO_x,
and SO_x.

<u>SECTION 6</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
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Personal Precautions
Protective Equipment and
Emergency Procedures: Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions: Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for
Containment and Cleaning-
up: Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

<u>SECTION 7</u>	<u>HANDLING AND STORAGE</u>
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Precautions for Safe
Handling: Use in a well ventilated area. Use necessary PPE's to prevent exposure by any route. Avoid inhalation and contact with skin and eyes. Keep container tightly closed. Keep away from food and drinks. Do not eat, drink or smoke at work. Wash hands before breaks and at the end of workday. Good personal hygiene is a must. Eyewash fountain and quick drench shower should be available in the immediate work area.

Conditions for Safe Storage
Including Incompatibilities: Store in a cool, dry, well-ventilated place away from oxidizing and reducing agents. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust.

<u>SECTION 8</u>	<u>EXPOSURE CONTROLS PERSONAL PROTECTION</u>
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Exposure Limits: In accordance with good industrial hygiene and safety practices. OSHA PEL Nuisance dust, Total dusts 15 mg/m³; ACGIH TLV: Particles not otherwise classified 10 mg/m³

Ventilation: Ensure proper ventilation, local exhaust recommended. Ventilation equipment should be explosion proof.

Eye Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Clothing: Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE: Eyewash fountain and quick drench shower should be available in the immediate work area.

<u>SECTION 9</u>	<u>PHYSICAL AND CHEMICAL PROPERTIES</u>
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Appearance Blue Powder

Odor / Odor threshold: Odorless.

pH: 6.0 - 7.0 (10 g/L @ 20 deg C).

Evaporation Rate: Not available.

Boiling Point/Range: Not available.

Melting / Freezing Point: Not available.

Vapor Pressure: Not available.

Relative Density: Not available.

Vapor Density: Not available.
 Partition Coefficient n-octanol / water: Not available.
 Solubility(ies): Water – Soluble.
 Flammability(solid, gas): Not available. UEL: Not available. LEL: Not available.
 Flash Point: Not available.
 Autoignition Temperature: Not available.
 Decomposition Temperature: Not available.
 Viscosity: Not available.

<u>SECTION 10</u>	<u>STABILITY AND REACTIVITY</u>
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Reactivity: Will not polymerize.

Chemical Stability: Stable under proper conditions of storage and use.

Possibility of Hazardous Reactions: In the case of dusty organic products the possibility of dust explosion should always be considered.

Hazardous Decomposition Products: May include but are not limited to oxides of carbon, nitrogen and sulfur.

Incompatible Materials: Keep away from oxidizing and reducing agents.

Conditions to Avoid: Avoid humidity, and excessive temperatures. Avoid generation and deposition of dust.

<u>SECTION 11</u>	<u>TOXICOLOGICAL INFORMATION</u>
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Likely Routes of Exposure: Inhalation:Yes Skin Absorption:No Ingestion:No Skin:Yes Eye:Yes

Toxicity Data ANIMAL TOXICITY ORAL - LD50 (INGESTION).....> 2000 mg/kg (Rat)

Toxicity: **Acute:** Causes skin irritation. Causes serious eye irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances.

Acute and Chronic: **Chronic:** To the best of our knowledge there are no known chronic effects associated with this material.

Symptoms of Overexposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough and irritated eyes to asthmatic symptoms. Individuals who have shown an allergic reaction to this product must not continue to be exposed. Physiologic effects may progress to shock, cardiovascular collapse and death.

Sensitization: Repeated exposure to high dust concentration of some dyestuffs may cause respiratory hypersensitivity.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. NIOSH approved respirators should be used by workers who may be exposed to dust or aerosols containing dyes.

Carcinogen Status: IARC: No NTP: No OSHA: No

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

<u>SECTION 12</u>	<u>ECOLOGICAL INFORMATION</u>
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Eco-toxicity: Not available.

Persistence and
Degradability: Not available.

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available.

<u>SECTION 13</u>	<u>DISPOSAL CONSIDERATIONS</u>
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Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents.

<u>SECTION 14</u>	<u>TRANSPORTATION INFORMATION</u>
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D.O.T.: Not Regulated.

I.A.T.A.: Not Regulated.

Marine Pollutant: No

I.M.D.G.: Not Regulated.

<u>SECTION 15</u>	<u>REGULATORY INFORMATION</u>
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TSCA Inventory Status: Listed.

<u>SECTION 16</u>	<u>OTHER INFORMATION</u>
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Date Prepared: January 27, 2021 GHS Formatting

While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by Dharma trading Company hereunder are given gratis and Dharma trading Company assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. END OF SAFETY DATA SHEET

Safety Data Sheet

Issuing Date 01-Jan-2021

Revision Date 01-Jan-2021

Version 1

<u>SECTION 1</u>	<u>IDENTIFICATION OF SUBSTANCE/MIXTURE</u>
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Product Identifier

Product Code

DM485

Product name

FROZEN BLUE

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, CA 94954

Emergency Telephone Number

USA:1-800-255-3924

China:(400-1)-400-120-0751

Other:Collect1-813-248-0585

Recommended Use of the Chemical and Restrictions on Use: **For Industrial Use Only.**

<u>SECTION 2</u>	<u>HAZARDS IDENTIFICATION</u>
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GHS Pictogram(s)



Category 1 Sensitization, skin

Category 3 Single Target Organ Toxicity - Single Exposure

Signal Word:

WARNING

Hazard Statements:

H317

May cause an allergic skin reaction.

H335

May cause respiratory irritation.

Precautionary Statements:

Prevention

Avoid breathing dust, fume, gas, mist, vapors, spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing, eye protection, face protection. Use only outdoors or in a well-ventilated area.

Response

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Storage

Keep in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents and container in accordance with local, state and federal regulations.

Other Hazards Which do not Result in Classification:

Contact with the eye and skin may cause irritation. Ingestion may cause gastric disturbances. Like most materials in powder form, powder may be capable of creating dust explosions.

<u>SECTION 3</u>	<u>COMPOSITION, INFORMATION ON INGREDIENTS</u>
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Proprietary blend all components are listed in the TSCA inventory

<u>SECTION 4</u>	<u>FIRST AID MEASURES</u>
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- Inhalation: Remove person to fresh air immediately while getting immediate medical attention. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed.
- Skin: Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.
- Ingestion: Never give anything by mouth or induce vomiting to an unconscious or convulsing person. Have victim drink plenty of water for dilution effect. Do NOT induce vomiting without medical advice. Seek immediate medical attention.
- Eye: Flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains at least 15 - 20 minutes. Get immediate medical attention.

Most Important Symptoms
and Effects Both Acute and
Delayed:

See Section 2 and/or Section 11.

Indication of any Immediate
Medical Attention and
Special Treatment Needed:

People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

<u>SECTION 5</u>	<u>FIRE FIGHTING MEASURES</u>
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Extinguishing Media: Water spray, alcohol resistant foam or dry chemical.

Unsuitable Extinguishing
Media:

CO₂ and high volume water jet as this may scatter and spread fire.

Special Protective
Equipment and Precautions
for Firefighters:

Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers. Move containers from fire area if you can do so without risk. Avoid inhalation of material or combustion by products. Stay upwind stay out of low areas.

Specific Hazards Arising
from the Chemical:

Like most materials in powder form, powder may be capable of creating dust explosions. Observe the usual precautionary measures required for chemicals with dust explosive properties. Decomposition can produce toxic and irritating fumes and gases of Carbon.

<u>SECTION 6</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
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Personal Precautions
Protective Equipment and
Emergency Procedures:

Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions:

Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for
Containment and Cleaning-
up:

Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

<u>SECTION 7</u>	<u>HANDLING AND STORAGE</u>
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Precautions for Safe Handling: Use in a well ventilated area. Use necessary PPE's to prevent exposure by any route. Avoid inhalation and contact with skin and eyes. Keep container tightly closed. Keep away from food and drinks. Do not eat, drink or smoke at work. Wash hands before breaks and at the end of workday. Good personal hygiene is a must. Eyewash fountain and quick drench shower should be available in the immediate work area.

Conditions for Safe Storage Including Incompatibilities: Store in a cool, dry, well-ventilated place away from incompatible substances. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust.

<u>SECTION 8</u>	<u>EXPOSURE CONTROLS PERSONAL PROTECTION</u>
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Exposure Limits: In accordance with good industrial hygiene and safety practices. ACGIH 0.5 mg/m³; OSHA 0.5 mg/m³

Ventilation: Ensure proper ventilation. Ventilation equipment should be explosion proof.

Eye Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Clothing: Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE: Eyewash fountain and quick drench shower should be available in the immediate work area.

<u>SECTION 9</u>	<u>PHYSICAL AND CHEMICAL PROPERTIES</u>
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Appearance: Blue powder.

Odor / Odor threshold: Odorless.

pH: Not available.

Evaporation Rate: Not available.

Boiling Point/Range: Not available.

Melting / Freezing Point: Not available.

Vapor Pressure: Not available.

Relative Density: Not available. Bulk density: 1050 kg/m³

Vapor Density: Not available.

Partition Coefficient
n-octanol/water: Not available.

Solubility(ies): Water – 50 g/l

Flammability: Not available.

UEL: Not available. LEL: Not available.

Flash Point: Not available.

Autoignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

<u>SECTION 10</u>	<u>STABILITY AND REACTIVITY</u>
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Chemical Stability: Stable under proper conditions of storage and use.

Reactivity: Hazardous polymerization will not occur.

Possibility of Hazardous

Reactions: Like most materials in powder form, powder may be capable of creating dust explosions.

Hazardous Decomposition

Products: May include but are not limited to oxides of carbons.

Incompatible Materials: Keep away from strong oxidizing agents and reducing agents.

Conditions to Avoid: Avoid excessive temperatures. Avoid moisture. Avoid generation and deposition of dust.

<u>SECTION 11</u>	<u>TOXICOLOGICAL INFORMATION</u>
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Likely Routes of Exposure: Inhalation: Yes Skin Absorption: No Ingestion: No Skin: Yes Eye: Yes

Toxicity : LD50 Rat Oral >3000 mg/kg;

Acute and Chronic: **Acute:** Contact with the eyes and skin may result in irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances.
Chronic: To the best of our knowledge there are no known chronic effects associated with this material.

Symptoms of Overexposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough and irritated eyes to asthmatic symptoms. Individuals who have shown an allergic reaction to this product must not continue to be exposed. Physiologic effects may progress to shock, cardiovascular collapse and death.

Sensitization: Repeated exposure to high dust concentration of some reactive dyestuffs may cause respiratory hypersensitivity. Sensitization by this dyestuff has not been observed.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

Carcinogen Status: IARC: No NTP: No OSHA: No

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

<u>SECTION 12</u>	<u>ECOLOGICAL INFORMATION</u>
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Eco-toxicity: Not available

Persistence and

Degradability:

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available

SECTION 13**DISPOSAL CONSIDERATIONS**

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents.

SECTION 14**TRANSPORTATION INFORMATION**

D.O.T.: Not Regulated.

I.A.T.A.: Not Regulated.

I.M.D.G.: Not Regulated.
Marine Pollutant: No

SECTION 15**REGULATORY INFORMATION**

TSCA: The components of this product are listed on the TSCA inventory.

SARA 313

This product contains the following component that is subject to the reporting requirements under 40 CFR 372

Copper Content ~7.2% CAS 7440-50-8

SARA 311/312: Acute Health Hazard; Chronic Health Hazard

SECTION 16**OTHER INFORMATION**

Date Prepared: January 27, 2021

While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by Dharma trading Company hereunder are given gratis and Dharma trading Company assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. End Safety Data Sheet.

Safety Data Sheet

Issuing Date 27-Jan-2021

Revision Date 27-Jan-2021

Version 1

SECTION 1

IDENTIFICATION OF SUBSTANCE/MIXTURE

Product Identifier

Product Code

DM486

Product name

CHAMPAGNE

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, CA 94954

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751

Other: Collect 1-813-248-0585

Recommended Use of the Chemical and Restrictions on Use: **For Industrial use only.**

SECTION 2

HAZARDS IDENTIFICATION

GHS Pictogram(s)



Acute Toxicity 5 H303 May be harmful if swallowed
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Signal Word: **WARNING**

Hazard Statements: H303 May be harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary Statements: P261 Avoid breathing dust.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Other Hazards Which do not Result in Classification In the case of dusty organic products the possibility of dust explosion should always be considered.

SECTION 3**COMPOSITION, INFORMATION ON INGREDIENTS**

DM486 Champagne

SECTION 4**FIRST AID MEASURES**

- Inhalation: Remove person to fresh air immediately while getting immediate medical attention. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed.
- Skin: Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.
- Ingestion: Never give anything by mouth or induce vomiting to an unconscious or convulsing person. Have victim drink plenty of water for dilution effect. Do NOT induce vomiting without medical advice. Seek immediate medical attention.
- Eye: Flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains at least 15 - 20 minutes. Get immediate medical attention.

Most Important Symptoms and Effects Both Acute and Delayed: See Section 2 and/or Section 11.

Indication of any Immediate Medical Attention and Special Treatment Needed: People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

SECTION 5**FIRE FIGHTING MEASURES**

Extinguishing Media: Water spray, alcohol resistant foam or dry chemical.

Unsuitable Extinguishing Media: CO₂ and high volume water jet as this may scatter and spread fire.

Special Protective Equipment and Precautions for Firefighters: Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers. Move containers from fire area if you can do so without risk. Avoid inhalation of material or combustion by products. Stay upwind stay out of low areas.

Specific Hazards Arising from the Chemical: Like most materials in powder form, powder may be capable of creating dust explosions. Observe the usual precautionary measures required for chemicals with dust explosive properties. Decomposition can produce toxic and irritating fumes and gases of CO_x, NO_x, and SO_x.

<u>SECTION 6</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
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Personal Precautions
Protective Equipment and
Emergency Procedures: Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions: Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for
Containment and Cleaning-
up: Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

<u>SECTION 7</u>	<u>HANDLING AND STORAGE</u>
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Precautions for Safe
Handling: Use in a well ventilated area. Use necessary PPE's to prevent exposure by any route. Avoid inhalation and contact with skin and eyes. Keep container tightly closed. Keep away from food and drinks. Do not eat, drink or smoke at work. Wash hands before breaks and at the end of workday. Good personal hygiene is a must. Eyewash fountain and quick drench shower should be available in the immediate work area.

Conditions for Safe Storage
Including Incompatibilities: Store in a cool, dry, well-ventilated place away from oxidizing and reducing agents. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust.

<u>SECTION 8</u>	<u>EXPOSURE CONTROLS PERSONAL PROTECTION</u>
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Exposure Limits: In accordance with good industrial hygiene and safety practices. OSHA PEL Nuisance dust, Total dusts 15 mg/m³; ACGIH TLV: Particles not otherwise classified 10 mg/m³

Ventilation: Ensure proper ventilation, local exhaust recommended. Ventilation equipment should be explosion proof.

Eye Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Clothing: Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE: Eyewash fountain and quick drench shower should be available in the immediate work area.

<u>SECTION 9</u>	<u>PHYSICAL AND CHEMICAL PROPERTIES</u>
-------------------------	--

Appearance Yellow Powder

Odor / Odor threshold: Odorless.

pH: 6.0 - 7.0 (10 g/L @ 20 deg C).

Evaporation Rate: Not available.

Boiling Point/Range: Not available.

Melting / Freezing Point: Not available.

Vapor Pressure: Not available.

Relative Density: Not available.

Vapor Density: Not available.
 Partition Coefficient n-octanol / water: Not available.
 Solubility(ies): Water – Soluble.
 Flammability(solid, gas): Not available. UEL: Not available. LEL: Not available.
 Flash Point: Not available.
 Autoignition Temperature: Not available.
 Decomposition Temperature: Not available.
 Viscosity: Not available.

<u>SECTION 10</u>	<u>STABILITY AND REACTIVITY</u>
--------------------------	--

Reactivity: Will not polymerize.

Chemical Stability: Stable under proper conditions of storage and use.

Possibility of Hazardous Reactions: In the case of dusty organic products the possibility of dust explosion should always be considered.

Hazardous Decomposition Products: May include but are not limited to oxides of carbon, nitrogen and sulfur.

Incompatible Materials: Keep away from oxidizing and reducing agents.

Conditions to Avoid: Avoid humidity, and excessive temperatures. Avoid generation and deposition of dust.

<u>SECTION 11</u>	<u>TOXICOLOGICAL INFORMATION</u>
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Likely Routes of Exposure: Inhalation:Yes Skin Absorption:No Ingestion:No Skin:Yes Eye:Yes

Toxicity Data ANIMAL TOXICITY ORAL - LD50 (INGESTION).....> 2000 mg/kg (Rat)

Toxicity: **Acute:** Causes skin irritation. Causes serious eye irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances.

Acute and Chronic: **Chronic:** To the best of our knowledge there are no known chronic effects associated with this material.

Symptoms of Overexposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough and irritated eyes to asthmatic symptoms. Individuals who have shown an allergic reaction to this product must not continue to be exposed. Physiologic effects may progress to shock, cardiovascular collapse and death.

Sensitization: Repeated exposure to high dust concentration of some dyestuffs may cause respiratory hypersensitivity.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. NIOSH approved respirators should be used by workers who may be exposed to dust or aerosols containing dyes.

Carcinogen Status: IARC: No NTP: No OSHA: No

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

<u>SECTION 12</u>	<u>ECOLOGICAL INFORMATION</u>
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Eco-toxicity: Not available.

Persistence and
Degradability: Not available.

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available.

<u>SECTION 13</u>	<u>DISPOSAL CONSIDERATIONS</u>
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Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents.

<u>SECTION 14</u>	<u>TRANSPORTATION INFORMATION</u>
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D.O.T.: Not Regulated.

I.A.T.A.: Not Regulated.

Marine Pollutant: No

I.M.D.G.: Not Regulated.

<u>SECTION 15</u>	<u>REGULATORY INFORMATION</u>
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TSCA Inventory Status: Listed.

<u>SECTION 16</u>	<u>OTHER INFORMATION</u>
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Date Prepared: January 27, 2021 GHS Formatting

While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by Dharma trading Company hereunder are given gratis and Dharma trading Company assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. END OF SAFETY DATA SHEET

Safety Data Sheet

Issuing Date 27-Jan-2021

Revision Date 27-Jan-2021

Version 1

SECTION 1: PRODUCT IDENTIFICATION

Product Identifier

Product Code DM487
Product name INDIGO BLUE

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co.
1805 South McDowell Boulevard Ext.
Petaluma, CA 94954

Emergency Telephone Number

USA: 1-800-255-3924
China: (400-1)-400-120-0751
Other: Collect 1-813-248-0585

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin corrosion/irritation-----Category 2

Serious eye damage /eye irritation-----Category 2

EMERGENCY OVERVIEW

signal word

WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation



Appearance powder

Physical State Powder

Odor None

Precautionary statements

P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 –if skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection

P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity

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

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Proprietary blend all components listed in TSCA inventory

SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR GET MEDICAL ATTENTION.
IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION.
IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE----- DRY CHEMICAL, CO₂, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT----- USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD---- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD---- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN

SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN----- ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES----WEAR SIDE-SHIELD SAFETY GLASSES.

VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE--N/A	ODOR---NONE
VAPOR DENSITY---N/A	APPEARANCE--POWDER
VOLATILITY----- N/A	SPECIFIC GRAV-- N/A
FREEZE POINT--- N/A	EVAP. RATE--- N/A
MELTING POINT---N/A	Ph OF PRODUCT---N/A
BOILING POINT--N/A	
FLAMMABLE LIMITS--N/A	

SECTION 10: STABILITY AND REACTIVITY

STABILITY----- STABLE UNDER NORMAL CONDITIONS

CONDITIONS TO AVOID----- NONE KNOWN

INCOMPATIBLE MATERIALS----UNKNOWN

HAZARDOUS DECOMPOSITION PRODUCTS---BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN, AND OTHER POTENTIALLY TOXIC FUMES.

HAZARDOUS POLYMERIZATION----- WILL NOT UNDERGO POLYMERIZATION.

CONDITIONS TO AVOID---NONE KNOWN

SECTION 11: TOXICOLOGICAL INFORMATION

ORAL LD50 (RAT)	NO DATA CURRENTLY AVAILABLE
DERMAL LD50	NO DATA CURRENTLY AVAILABLE
EYE EFFECTS (RABBIT)	NO DATA CURRENTLY AVAILABLE
SKIN EFFECTS (RABBIT)	NO DATA CURRENTLY AVAILABLE
MUTAGENICITY	NO DATA CURRENTLY AVAILABLE
INHALATION LC50	NO DATA CURRENTLY AVAILABLE
SKIN SENSITIZATION (GUINEA PIG)	NO DATA CURRENTLY AVAILABLE
RESPIRATORY SENSITIZATION	NO DATA CURRENTLY AVAILABLE
ADDITIONAL TOXICITY DATA	NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA	NO DATA CURRENTLY AVAILABLE
OTHER DATA	NO DATA CURRENTLY AVAILABLE

SECTION 12: ECOLOGICAL DATA

BOD	NO DATA CURRENTLY AVAILABLE
COD	NO DATA CURRENTLY AVAILABLE
AQUATIC TOXICITY	NO DATA CURRENTLY AVAILABLE
BIODEGRADABILITY	NO DATA CURRENTLY AVAILABLE
PERSISTENCE	NO DATA CURRENTLY AVAILABLE
SEWAGE TREATMENT	NO DATA CURRENTLY AVAILABLE
OTHER DATA	NO DATA CURRENTLY AVAILABLE
SUPPLEMENTAL TEST DATA	NO DATA CURRENTLY AVAILABLE

Ecotoxicity

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

Toxicity to Algae no data available

Toxicity to Fish no data available

Toxicity to daphnia and other aquatic invertebrates

Persistence and Degradability
Bioaccumulation
Other Adverse Effects

No information available.
No information available.
No information available

SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

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.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

DOT REGULATION (GROUND)—NOT REGULATED
IATA REGULATION (AIR)—NOT REGULATED
IMDG/IMO REGULATION (WATER)—NOT REGULATED

DOT HAZARD CLASS----NON-HAZARDOUS
DOT CLASSIFICATION----NON-HAZARDOUS MATERIAL
COMMODITY CLASS----INK MATERIAL

SECTION 15: REGULATORY INFORMATION

REGULATORY LIST REFERENCE:

NOTE: WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

LIST NUMBERS

- 1 ACCIDENTAL RELEASE SUBSTANCE
- 2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
- 3 RESERVED
- 4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
- 5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
- 6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
- 7 CLEAN WATER ACT-RQ
- 8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
- 9 MARINE POLLUTANT (MP)
- 10 PSM HIGHLY HAZARDOUS CHEMICAL
- 11 RCRA HAZARDOUS WASTE (RCRA CODE)
- 12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
- 13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
- 14 SOCM1 CHEMICAL (CAA)
- 15 STATE LISTS
- CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN, MN-MINNESOTA, NJ-RTK NEW JERSEY HAZARDOUS SUBSTANCE LIST, NJ-TCPA NEW JERSEY EXTREMELY HAZARDOUS SUBSTANCE LIST, NY-NEW YORK, PA-PENNSYLVANIA, WA-WASHINGTON, WV-WEST VIRGINIA, WI-WISCONSIN
- 16 SUPPLEMENTAL REGULATORY INFORMATION(SRI)

T.S.C.A---- IN COMPLIANCE
O.S.H.A. HAZARD CLASSIFICATION: NON HAZARDOUS

SARA 311/312 HAZARD CATEGORIES:

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/ DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

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

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

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 01/27/2021

HMIS RATINGS: HEALTH: 1

Flammability: 1

Physical Hazard: 0

PERSONAL PROTECTION: F

DISCLAIMER:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910, 1200 AND SUPSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF SDS.



Safety Data Sheet

Issuing Date 27-Jan-2021

Revision Date 27-Jan-2021

Version 1

SECTION 1

IDENTIFICATION OF SUBSTANCE/MIXTURE

Product Identifier

Product Code

DM488

Product name

IVORY

Details of the Supplier of the Safety Data Sheet

Dharma Trading Co.

1805 South McDowell Boulevard Ext.

Petaluma, CA 94954

Emergency Telephone Number

USA: 1-800-255-3924

China: (400-1)-400-120-0751

Other: Collect 1-813-248-0585

Recommended Use of the Chemical and Restrictions on Use: **For Industrial use only.**

SECTION 2

HAZARDS IDENTIFICATION

GHS Pictogram(s)



Category 5 Acute toxicity - oral
Category 5 Acute toxicity - dermal
Category 5 Acute toxicity - inhalation.
Category 2 Sensitization - skin
Category 3 Single Target Organ Toxicity - Single Exposure

Signal Word:

WARNING

Hazard
Statements:

May be harmful if swallowed.
May be harmful in contact with skin.
May be harmful if inhaled.
May cause an allergic skin reaction.
May cause respiratory irritation.

Precautionary
Statements:

Prevention

Avoid breathing dust, fume, gas, mist, vapors and spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, eye protection, face protection. Use only outdoors or in a well-ventilated area.

Response

Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Storage

Keep in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not
Otherwise Classified:

Like most materials in powder form, powder may be capable of creating dust explosions.

This product contains a trivalent chromium compound. Chromium and certain chromium compounds have been classified by the National Toxicology Program (NTP) as: "However, there was inadequate evidence for carcinogenicity of chromium compounds in humans and experimental animals".

This product contains a trivalent chromium compound. IARC lists trivalent chromium compound as a Group 3 Carcinogen; "The chemical or group of chemicals cannot be classified as to its carcinogenicity for human." IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Humans concluded that "There is no consistent evidence that water soluble trivalent chromium has genetic activity."

<u>SECTION 3</u>	<u>COMPOSITION, INFORMATION ON INGREDIENTS</u>
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Proprietary blend all components listed in TSCA inventory

<u>SECTION 4</u>	<u>FIRST AID MEASURES</u>
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- Inhalation: Remove person to fresh air. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed. Seek immediate medical attention.
- Skin: Immediately wash affect areas with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Seek immediate medical attention.
- Ingestion: If victim is conscious and alert, dilute with copious amount of water immediately. Never give anything by mouth or induce vomiting to an unconscious or convulsing person. Seek immediate medical attention.
- Eye: Immediately rinse eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains at least 15-20 minutes. Get immediate medical attention.

Most Important
Symptoms and Effects
Both Acute & Delayed:

See Section 2 and/or Section 11.

Indication of any
Immediate Medical
Attention and Special
Treatment Needed:

People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

<u>SECTION 5</u>	<u>FIRE FIGHTING MEASURES</u>
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Extinguishing Media: Water fog, foam, dry chemical powder, carbon dioxide.

Unsuitable
Extinguishing Media: Extinguishing media applied in solid streams may scatter and spread fire.

Special Protective
Equipment and
Precautions for
Firefighters: Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers. Move containers from fire area if you can do so without risk. Avoid inhalation of material or combustion by products. Stay upwind stay out of low areas.

Specific Hazards
Arising from the
Chemical: Like most materials in powder form, powder may be capable of creating dust explosions. Observe the usual precautionary measures required for chemicals with dust explosive properties. Thermal decomposition can produce toxic and irritating fumes and gases of carbon, nitrogen, sulfur and chromium.

<u>SECTION 6</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
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Personal Precautions
Protective Equipment
and Emergency
Procedures:

Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions: Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for Containment and Cleaning-up: Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

SECTION 7

HANDLING AND STORAGE

Precautions for Safe Handling: Use in a well ventilated area. Good hygienic practices should be observed. Avoid prolonged or repeated exposure. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material. Avoid generating or breathing dust. Avoid contact with eyes, skin and clothing. Reclose containers of unused product. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Do not reuse this container.

Conditions for Safe Storage Including Incompatibilities: Store in a cool, dry, well-ventilated place away from incompatible substances. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust. Incompatible with oxidizing and reducing agents.

SECTION 8

EXPOSURE CONTROLS PERSONAL PROTECTION

Exposure Limits: In accordance with good industrial hygiene and safety practices. Exposure limits for Cr III - OSHA PEL TWA 0.5 mg/m³ – 8 hrs: ACGIH TLV: 0.5 mg/m³.

Do not breathe dusts. Avoid contact with eyes and skin. Take off all contaminated clothing immediately. Inhalation of dusts and aerosols must be absolutely prevented by either adequate ventilation or by a suitable mask. People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling reactive dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

Ventilation: Ensure proper ventilation. Ventilation equipment should be explosion proof.

Eye Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Clothing (hand, body): Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE Eyewash fountain and quick drench shower should be available in the immediate work area.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Tan Powder.

Odor / Odor threshold: Slight odor.

pH: 6.5 - 2 g/l @ 20°C (68°F)

Evaporation Rate: Not available.

Boiling Point/Range: Not available.

Melting / Freezing Point: Not available.

Vapor Pressure:	Not available.
Relative Density:	Not available.
Vapor Density:	Not available.
Partition Coefficient n-octanol / water:	Not available.
Solubility(ies):	Water 70 g/l 90C (194F)
Flammability(solid/gas)	Not available. UEL: Not available. LEL: Not available.
Flash Point:	Not available.
Autoignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

SECTION 10

STABILITY AND REACTIVITY

Chemical Stability:	Stable under proper conditions of storage and use.
Reactivity:	Not known.
Possibility of Hazardous Reactions:	In the case of dusty organic products the possibility of dust explosion should always be considered.
Hazardous Decomposition Products:	May include but are not limited to oxides of carbon, nitrogen sulfur, chromium.
Incompatible Materials:	Strong oxidizing and reducing agents.
Conditions to Avoid:	Avoid excessive temperatures. Avoid generation and deposition of dust.

SECTION 11

TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation: Yes Skin Absorption: Yes Ingestion: No Skin: Yes Eye: Yes
Toxicity:	Dye Compound (Chromium III) LD50 Oral Rat >2000 mg/kg
Acute and Chronic:	Acute: Contact with the eyes and skin may result in irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances. Chronic: To the best of our knowledge there are no known chronic effects associated with this material.
Symptoms of Overexposure:	Acute Effects of Overexposure: Trivalent chromium is present in this product as a complex of organic compounds. Some trivalent chromium compounds have demonstrated a slight skin sensitization potential. Trivalent chromium compounds do not give rise to local or systemic effects and absorbed, also no specific effects are known to result from inhalation. Chronic Effects of Overexposure: No applicable information was found concerning any chronic health effect from overexposure to this product. See carcinogenicity for further information concerning chronic compounds.

Sensitization: Repeated exposure to high dust concentration of some dyestuffs may cause respiratory hypersensitivity.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. People with chronic respiratory problems should not work with reactive dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

Carcinogen Status: IARC: Group 3* NTP: No OSHA: No
*Contains Cr III

Single Target Organ Toxicity – Single Exposure – Respiratory System
Single Target Organ Toxicity – Repeated Exposure. – Not known.

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

SECTION 12

ECOLOGICAL INFORMATION

Eco-toxicity: This product contains approximately <3% Chromium III as complex compounds.

Persistence and Degradability: Not available.

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available.

SECTION 13

DISPOSAL CONSIDERATIONS

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents. Containers should be triple rinsed, according to federal regulations and/or good waste management practice.

RCRA Status: When discarded in its present form, this product meets the criteria of EP toxicity, and should be managed as a hazardous waste. (40 CFR 261.20 – 24) (Contains Chromium)

SECTION 14

TRANSPORTATION INFORMATION

D.O.T.: Not Regulated.

I.M.D.G.: Not Regulated.

I.A.T.A.: Not Regulated.

SECTION 15**REGULATORY INFORMATION**

TSCA - The components of this product are listed on the TSCA inventory

SARA 313 - Complex Chromium dye compound) – CAS Number: Proprietary

This product is subject to SARA Title III reporting requirements under 40 CFR 372 – Immediate Health Hazard.

Chromium III Content ~ <3% **Chromium III as complex compounds**

SARA 312 Acute health hazard

SECTION 16**OTHER INFORMATION**

Date Prepared: January 27, 2021

While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by Dharma trading Company hereunder are given gratis and Dharma trading Company assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. End SDS.



Safety Data Sheet

Issuing Date 28-Jan-2021

Revision Date 28-Jan-2021

Version 1

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE
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Product Name: MONARCH ORANGE
Product Code: K805

Supplier: Dharma Trading Co.
1805 South McDowell
Boulevard Ext.
Petaluma, CA 94954

EMERGENCY CONTACT:

CHEMTREC: 800-424-9300

Recommended Use of the Chemical and Restrictions on Use: **For Industrial use only.**

SECTION 2	HAZARDS IDENTIFICATION
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GHS Pictogram(s)



Acute Toxicity 5 H303 May be harmful if swallowed
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Signal Word: **WARNING**

Hazard Statements: H303 May be harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary Statements: P261 Avoid breathing dust.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P280 Wear eye protection / face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Other Hazards Which do not Result in Classification In the case of dusty organic products the possibility of dust explosion should always be considered.

<u>SECTION 3</u>	<u>COMPOSITION, INFORMATION ON INGREDIENTS</u>
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Component(s): Acid Yellow 199

CAS

%

Proprietary

Proprietary

The chemical identity of some or all components present is confidential business information (Trade Secret) and is being withheld as permitted by 29CFR1919.1200 (i)

<u>SECTION 4</u>	<u>FIRST AID MEASURES</u>
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Inhalation: Remove person to fresh air immediately while getting immediate medical attention. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed.

Skin: Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.

Ingestion: Never give anything by mouth or induce vomiting to an unconscious or convulsing person. Have victim drink plenty of water for dilution effect. Do NOT induce vomiting without medical advice. Seek immediate medical attention.

Eye: Flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains at least 15 - 20 minutes. Get immediate medical attention.

Most Important Symptoms and Effects Both Acute and Delayed: See Section 2 and/or Section 11.

Indication of any Immediate Medical Attention and Special Treatment Needed: People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

<u>SECTION 5</u>	<u>FIRE FIGHTING MEASURES</u>
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Extinguishing Media: Water spray, alcohol resistant foam or dry chemical.

Unsuitable Extinguishing Media: CO₂ and high volume water jet as this may scatter and spread fire.

Special Protective Equipment and Precautions for Firefighters: Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers. Move containers from fire area if you can do so without risk. Avoid inhalation of material or combustion by products. Stay upwind stay out of low areas.

Specific Hazards Arising from the Chemical: Like most materials in powder form, powder may be capable of creating dust explosions. Observe the usual precautionary measures required for chemicals with dust explosive properties. Decomposition can produce toxic and irritating fumes and gases of CO_x, NO_x, and SO_x.

<u>SECTION 6</u>	<u>ACCIDENTAL RELEASE MEASURES</u>
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Personal Precautions
Protective Equipment and
Emergency Procedures: Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions: Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for
Containment and Cleaning-
up: Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

<u>SECTION 7</u>	<u>HANDLING AND STORAGE</u>
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Precautions for Safe
Handling: Use in a well ventilated area. Use necessary PPE's to prevent exposure by any route. Avoid inhalation and contact with skin and eyes. Keep container tightly closed. Keep away from food and drinks. Do not eat, drink or smoke at work. Wash hands before breaks and at the end of workday. Good personal hygiene is a must. Eyewash fountain and quick drench shower should be available in the immediate work area.

Conditions for Safe Storage
Including Incompatibilities: Store in a cool, dry, well-ventilated place away from oxidizing and reducing agents. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust.

<u>SECTION 8</u>	<u>EXPOSURE CONTROLS PERSONAL PROTECTION</u>
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Exposure Limits: In accordance with good industrial hygiene and safety practices. OSHA PEL Nuisance dust, Total dusts 15 mg/m³; ACGIH TLV: Particles not otherwise classified 10 mg/m³

Ventilation: Ensure proper ventilation, local exhaust recommended. Ventilation equipment should be explosion proof.

Eye Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Clothing: Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE: Eyewash fountain and quick drench shower should be available in the immediate work area.

<u>SECTION 9</u>	<u>PHYSICAL AND CHEMICAL PROPERTIES</u>
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Appearance Yellow Powder

Odor / Odor threshold: Odorless.

pH: 6.0 - 7.0 (10 g/L @ 20 deg C).

Evaporation Rate: Not available.

Boiling Point/Range: Not available.

Melting / Freezing Point: Not available.

Vapor Pressure: Not available.

Relative Density: Not available.

Vapor Density: Not available.
 Partition Coefficient n-octanol / water: Not available.
 Solubility(ies): Water – Soluble.
 Flammability(solid, gas): Not available. UEL: Not available. LEL: Not available.
 Flash Point: Not available.
 Autoignition Temperature: Not available.
 Decomposition Temperature: Not available.
 Viscosity: Not available.

<u>SECTION 10</u>	<u>STABILITY AND REACTIVITY</u>
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Reactivity: Will not polymerize.

Chemical Stability: Stable under proper conditions of storage and use.

Possibility of Hazardous Reactions: In the case of dusty organic products the possibility of dust explosion should always be considered.

Hazardous Decomposition Products: May include but are not limited to oxides of carbon, nitrogen and sulfur.

Incompatible Materials: Keep away from oxidizing and reducing agents.

Conditions to Avoid: Avoid humidity, and excessive temperatures. Avoid generation and deposition of dust.

<u>SECTION 11</u>	<u>TOXICOLOGICAL INFORMATION</u>
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Likely Routes of Exposure: Inhalation:Yes Skin Absorption:No Ingestion:No Skin:Yes Eye:Yes

Toxicity Data ANIMAL TOXICITY ORAL - LD50 (INGESTION).....> 2000 mg/kg (Rat)

Toxicity: **Acute:** Causes skin irritation. Causes serious eye irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances.

Acute and Chronic: **Chronic:** To the best of our knowledge there are no known chronic effects associated with this material.

Symptoms of Overexposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough and irritated eyes to asthmatic symptoms. Individuals who have shown an allergic reaction to this product must not continue to be exposed. Physiologic effects may progress to shock, cardiovascular collapse and death.

Sensitization: Repeated exposure to high dust concentration of some dyestuffs may cause respiratory hypersensitivity.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. NIOSH approved respirators should be used by workers who may be exposed to dust or aerosols containing dyes.

Carcinogen Status: IARC: No NTP: No OSHA: No

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

<u>SECTION 12</u>	<u>ECOLOGICAL INFORMATION</u>
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Eco-toxicity: Not available.

Persistence and
Degradability: Not available.

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available.

<u>SECTION 13</u>	<u>DISPOSAL CONSIDERATIONS</u>
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Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents.

<u>SECTION 14</u>	<u>TRANSPORTATION INFORMATION</u>
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D.O.T.: Not Regulated.

I.A.T.A.: Not Regulated.

Marine Pollutant: No

I.M.D.G.: Not Regulated.

<u>SECTION 15</u>	<u>REGULATORY INFORMATION</u>
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TSCA Inventory Status: Listed.

<u>SECTION 16</u>	<u>OTHER INFORMATION</u>
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While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by Dharma Trading Company hereunder are given gratis and Dharma trading Company. assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. END OF SAFETY DATA SHEET