

SAFETY DATA SHEET

Revision Date: 9/17/20

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Photo Emulsion & Diazo Sensitizer**

PRODUCT CODE NUMBER: JSI2130 & JSI3130

PRODUCT USE: emulsion for screen printing and photo imaging

EMERGENCY: ChemTel, Inc. - Contract #MIS9128344

N.America: 1-800-255-3924 / International: 1-813-248-0585

SECTION 2 — HAZARDS IDENTIFICATION

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010] According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture CLP • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic environment Chronic 3 - H412 EUH208 DSD/DPD • Irritant (Xi) Sensitizer R36, R43, R53

2.2 Label Elements CLP WARNING



Hazard statements

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements Prevention • P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. Response • 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. P302+P352 - IF ON
SKIN: Wash with plenty of soap and water.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P321 - Specific treatment, see supplemental first aid information.
P363 - Wash contaminated clothing before reuse.
Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national,
and/or international regulations.



Risk phrases • R36 - Irritating to eyes. R43 - May cause sensitization by skin contact.
R53 - May cause long-term adverse effects in the aquatic environment.
Safety phrases • S24 - Avoid contact with skin. S37 - Wear suitable gloves. S45 - In case
of accident or if you feel unwell, seek medical advice immediately

(show the label where possible)

2.3 Other Hazards

CLP • No data available

DSD/DPD • No data available

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic
environment Chronic 3 - H412

2.2 Label elements UN GHS

WARNING



Hazard statements •

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements

Prevention •

P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response •

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.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P321 - Specific treatment, see supplemental first aid information.

P363 - Wash contaminated clothing before reuse. Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

2.3 Other hazards

UN GHS • No data available

United States (US) According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture OSHA HCS 2012 • Skin Sensitization 1 - H317 Eye Irritation 2 - H319

2.2 Label elements OSHA HCS 2012

WARNING



Hazard statements

• May cause an allergic skin reaction - H317 Causes serious eye irritation -

H319 Precautionary statements Prevention • Avoid breathing dust, fume, gas, mist, vapors and/or spray. - P261 Wash thoroughly after handling. -

P264 Contaminated work clothing should not be allowed out of the workplace. -

P272 Wear protective gloves/protective clothing/eye protection/face protection. -

P280 Response • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. -

P305+P351+P338 If eye irritation persists: Get medical advice/attention. -

P337+P313 IF ON SKIN: Wash with plenty of soap and water. -

P302+P352 If skin irritation or rash occurs: Get medical advice/attention. -
 P333+P313 Specific treatment, see supplemental first aid information. -
 P321 Wash contaminated clothing before reuse. -
 P363 Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. -
 P501 2.3 Other hazards OSHA HCS 2012 • No data available
 Canada According to WHMIS

2.1 Classification of the substance or mixture WHMIS • No data available

2.2 Label elements

WHMIS • Other Toxic Effects - D2B

2.3 Other hazards

WHMIS • No data available

2.4 Other information



SECTION 3 — COMPOSITION INFORMATION ON INGREDIENTS

CAS Number	Formula	Formula Weight	Concentration
Polyvinyl Acetate	9003-20-7		25-55%
Polyvinyl Alcohol	9002-89-5	[CH ₂ CH(OH)] _n	Varies 18.00 12-35%
Bozoate Ester	propriety		5-18%
WATER	7732-18-5	H ₂ O	

Solution Polyvinyl alcohol Water Synonyms: Quieting solution; PVA solution
 WATER & BENZOATE ESTER

SECTION 4 — FIRST AID MEASURES

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solution. NFPA CODE
 None establish In case of fire: Use a tri-class dry chemical fire extinguisher.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Contain spill with sand or absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

Revision Date: FEBURARY 15, 2018

CHEMTREC Emergency Phone Number: (888-869-3666)

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic #2. Store with alcohols, glycols, amines and amides. Keep tightly closed. This substance will act as a growth media and should be kept cool. If you can, keep it in a plastic bag in the laboratory refrigerator

SECTION 8 — EXPOSURE CONTROLS PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

BLUE, viscous liquid. Odorless.

SECTION 10 — STABILITY AND REACTIVITY

Shelf life: Poor, unless kept cool and uncontaminated

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: N.A.

ORL-RAT LD50: 23,854 mg/kg (as PVA)

Chronic effects: N.A.

IHL-RAT LC50: N.A.

Target organs: N.A.

SKN-RBT LD50: N.A

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available

SECTION 13 — DISPOSAL CONSIDERATIONS

Please review all federal, state and local regulations that may apply before proceeding.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

Not listed.

SECTION 16 — OTHER INFORMATION

This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable.

REVISION DATE: 9/17/2020

The information contained in this SDS is based on data from sources considered to be reliable but Dharma Trading Co. does not guarantee the accuracy or completeness thereof. Dharma Trading Co. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

