

Safety Data Sheets

1. Identification

Product Name : LUS-170 Light Magenat
Order No. : LUS17-LM-BA
General Use : Ink jet printing ink
Product Description : UV Inkjet ink
SDS Number : 037-U183075
Manufacture
Company Name : Mimaki Engineering Co., Ltd.
Address : 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone No. : +81-268-64-2413
Importer / Distributor Established in Australia
Company Name : MIMAKI AUSTRALIA PTY LTD.
Address : Unit 14, 38-46 South Street, Rydalmere, NSW 2116, Australia
Telephone No. : + 61-2-8036-4500
Emergency Telephone No. : +81-268-64-2281

2. Hazards Identification

[Classification of the substance or mixture]

Physical Hazards

Flammable Liquids : Not classified

Health Hazards

Toxic to Reproduction : Category 2

The above list does not include category being non-classifiable or not-applicable.

[Label Elements]

Contains Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Symbol



Signal Word

Warning

Hazard Statements

H361 - Suspected of damaging fertility or the unborn child

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Precautionary Statements - EU (§28, 1272/2008)

[Prevention]

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P281 - Use personal protective equipment as required

[Response]

P308 + P313 - IF exposed or concerned: Get medical advice/attention

[Storage]

P405 - Store locked up

[Disposal]

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

[Other hazards]

Hazards not otherwise classified (HNOC): Not Applicable

Other hazards: Not Applicable.

3. Composition / Information on Ingredients

Substance/mixture: mixture

Chemical Name	CAS No	weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Monomers	CBI	86-95	No data available
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	<5	Repr. 2 (H361f)
Photoinitiator	CBI	<5	No data available
Colorant	CBI	<1	No data available
Additives	CBI	<1	No data available
Others	CBI	<1	No data available

Full text of H-phrases: see section 16

4. First Aid Measures

[Description of first aid measures]

General advice	: If symptoms persist, call a physician.
Inhalation	: Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
Skin Contact	: If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse.
Eye Contact	: Rinse immediately with plenty of water and seek medical advice.

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	Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing.
Ingestion	: If swallowed, call a poison control center or physician immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	: Use personal protective equipment as required.
Symptoms	: No data available.
Note to physicians	: May cause sensitization of susceptible persons.

5. Fire Fighting Measures

Flammable Properties	: Flash Point, 95 ° C / 203 ° F
Suitable Extinguishing Media	: Dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Unsuitable Extinguishing Media	: Do not use a solid water stream as it may scatter and spread fire.
Special hazards arising from the substance or mixture	: In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Advice for firefighters	: Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

6. Accidental Release Measures

[Personal Precautions, Protective Equipment and Emergency Procedures]

Personal precautions	: Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.
For emergency responders	: Use personal protection recommended in Section 8.
Environmental Precautions	: Collect spillage. Should not be released into the environment. Do not allow into any sewer, on the ground or into any body of water.

[Methods and material for containment and cleaning up]

Methods for containment	: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
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Methods for cleaning up	: Use personal protective equipment as required. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.
Reference to other sections	: See Section 12: ECOLOGICAL INFORMATION.

7. Handling and Storage

[Precautions for Safe Handling]

Advice on safe handling	: Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation.
General Hygiene Considerations	: Regular cleaning of equipment, work area and clothing is recommended. When using do not eat, drink or smoke. Wash face, hands and any exposed skin thoroughly after handling.

[Conditions for Safe Storage, including any Incompatibilities]

Storage Conditions	: Keep in properly labeled containers. Keep container tightly closed. Store locked up. Avoid direct sunlight or high temperature.
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[Specific end use(s)]

Risk Management Methods (RMM)	: The information required is contained in this Safety Data Sheet.
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8. Exposure Controls / Personal Protection

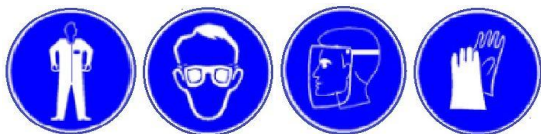
[Control parameters]

Exposure Limits	: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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[Exposure controls]

Engineering Controls	: Showers, Eyewash stations, Ventilation systems.
Individual protection measures, such as personal protective equipment	
Eye/face protection	: Tight sealing safety goggles. Face protection shield.
Hand Protection	: Gloves made of plastic or rubber.
Skin and body protection	: Suitable protective clothing. Apron. Gloves made of plastic or rubber.
Environmental exposure controls	: Do not allow into any sewer, on the ground or into any body of water.

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9. Physical and Chemical Properties

Appearance	- Physical State	: liquid
	- Color	: red
Odor		: Characteristic odor
Odor Threshold		: No data available
pH		: No data available
Melting point/freezing point		: No data available
Boiling point/boiling range		: No data available
Flash point		: 95 °C / 203 °F (Acceptance by the lowest flash point)
Evaporation rate		: No data available
Flammability (solid, gas)		: No data available
Flammability Limits in Air		: No data available
Upper flammability limits		
Lower flammability limit		
Vapor Pressure		: No data available
Vapor density		: No data available
Specific gravity		: 1.0-1.1
Solubility(ies)		: Immiscible in water
Partition coefficient		: No data available
Autoignition temperature		: No data available
Decomposition temperature		: No data available
Kinematic viscosity		: No data available
Dynamic viscosity		: <20 mPa·s(25 deg.C)
[Other information]		
Molecular weight		: No data available
Explosive properties		: No data available
Oxidizing properties		: No data available
Softening point		: No data available
VOC Content (%)		: No data available
Density		: No data available
Bulk density		: No data available

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10. Stability and Reactivity

Reactivity	: The heat and polymerization may occurred by contamination of thermal, light, metal powder and peroxide.
Chemical Stability	: Polymerization can occur. Combustibility. Stable under the normal storage and use.
Explosion data	: Sensitivity to Mechanical Impact: No data available. Sensitivity to Static Discharge: No data available.
Possibility of Hazardous Reactions	: None under normal processing.
Hazardous polymerization	: None under normal processing.
Conditions to Avoid	: Extremes of temperature and direct sunlight.
Incompatible Materials	: Strong oxidizing agents. Finely powdered metals.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. Toxicological Information

[Information on toxicological effects]

Acute Toxicity	
Unknown Acute Toxicity	: 77% of the mixture consists of ingredient(s) of unknown toxicity.
Component Information	
Skin corrosion/irritation	
Serious eye damage/eye irritation	: No data available.
Sensitization	: No data available.
Germ cell mutagenicity	: No data available.
Carcinogenicity	: No data available.
Reproductive toxicity	: No data available.
STOT - single exposure	: No data available.
STOT - repeated exposure	: No data available.

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Chronic toxicity : Avoid repeated exposure.

Aspiration hazard : No data available.

[Information on likely routes of exposure]

INHALATION : No data available.

Eye contact : No data available.

Skin Contact : No data available.

INGESTION : No data available.

12. Ecological Information

Handling is noted because it might influence the environment when leaking and abandoning it.

Especially, note that the product doesn't flow directly to ground, the river, and the drain ditch.

Ecotoxicity : 99.1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and : No data available.

Degradability

Bioaccumulative : No data available.

potential

Mobility in soil : No data available.

Results of PBT and : This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
vPvB assessment

Other adverse effects : No data available.

Endocrine Disruptor : This product does not contain any known or suspected endocrine
Information disruptors.

13. Disposal Considerations

[Waste treatment methods]

Waste from Residues / : Disposal should be in accordance with applicable regional, national
Unused Products and local laws and regulations.

Contaminated : Disposal should be in accordance with applicable regional, national
packaging and local laws and regulations.

Other Information : Waste codes should be assigned by the user based on the application
for which the product was used.

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14. Transport Information

Check a thing without a leak in a container.

Perform prevention of collapse of cargo surely.

[IMDG]

UN/ID no : Not regulated
Proper shipping name : Not regulated
Hazard Class : Not regulated
Packing Group : Not regulated
Marine pollutant : Not Applicable
Special Provisions : none

[RID]

UN/ID no : Not regulated
Proper shipping name : Not regulated
Hazard Class : Not regulated
Packing Group : Not regulated
Environmental hazard : Not Applicable
Special Provisions : none

[ADR]

UN/ID no : Not regulated
Proper shipping name : Not regulated
Hazard Class : Not regulated
Packing Group : Not regulated
Environmental hazard : Not Applicable
Special Provisions : none

[IATA]

UN/ID no : Not regulated
Proper shipping name : Not regulated
Hazard Class : Not regulated
Packing Group : Not regulated
Environmental hazard : Not Applicable
Special Provisions : none

[ADN]

UN/ID no : Not regulated
Proper shipping name : Not regulated
Hazard Class : Not regulated

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Packing Group : Not regulated
Environmental hazard : Not Applicable
Special Provisions : none

15. Regulatory Information

[Safety, health and environmental regulations/legislation specific for the substance or mixture]

International : AICS; Complies.

Inventories Legend

AICS - Australian Inventory of Chemical Substances

National occupational : See chapter 8
exposure limits

16. Other Information

[Full text of H-Statements referred to under sections 2 and 3]

H361f - Suspected of damaging fertility

[Key or legend to abbreviations and acronyms used in the safety data sheet]

ACGIH (American Conference of Governmental Industrial Hygienists)

[Key literature references and sources for data]

No information available

[Reference]

LOLI Database (ChemADVISOR,Inc.)

[The reference on GHS classification results]

EU CLP(1272/2008)Annex VI Table 3.1

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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