

Safety Data Sheets

1. Identification

Product Name : LUS-120 Clear
Order No. : LUS12-CL-BA / LUS12-CL-B2
General Use : Ink jet printing ink
Product Description : UV Inkjet ink
SDS Number : 037-U112460
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 Singapore
Company Name : MIMAKI SINGAPORE PTE. LTD.
Address : 31 Kaki Bukit Road 3 Singapore 417818 TechLink #02-03
Telephone No. : +65-6508-2789
Emergency Telephone No. : +81-268-64-2281

2. Hazards Identification

[GHS Classification]

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]

Symbol



Signal Word

Warning

Hazard Statements

H361 - Suspected of damaging fertility or the unborn child

Precautionary Statements

[Prevention]

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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]

Not Applicable.

[Hazards not otherwise classified (HNOC)]

Not Applicable.

3. Composition / Information on Ingredients

Substance/mixture: mixture

Chemical identity: No information available

Chemical Name	CAS No	EC No	weight-%
Monomers	CBI		85-95
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	5-15
Additives	CBI		<1
Others	CBI		<1

4. First Aid Measures

[Description of first aid measures]

General advice	: If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
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. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	: If swallowed, call a poison control center or physician immediately. Do not induce vomiting without medical advice. Never give anything

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by mouth to an unconscious person.

[Most important symptoms and effects, both acute and delayed]

Symptoms : No data available.

[Indication of any immediate medical attention and special treatment needed]

Self-protection of the first aider : Use personal protective equipment as required.

Note to physicians : No data available.

5. Fire Fighting Measures

Flammable Properties : Flash Point, 95° C / 203° F

Suitable Extinguishing Media : Dry chemical, CO₂, water spray or alcohol-resistant foam.

Media

Unsuitable Extinguishing Media : Do not use a solid water stream as it may scatter and spread fire.

Media

Specific 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]

Environmental Precautions : Collect spillage. Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment.

[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.

Methods for cleaning up : Use personal protective equipment as required. Dam up. Soak up

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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 : 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 out of the reach of children. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Avoid direct sunlight or high temperature.

[Specific end use(s)]

Risk Management : The information required is contained in this Safety Data Sheet.
Methods (RMM)

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

[Appropriate engineering controls]

Engineering Controls : Showers, Eyewash stations, Ventilation systems

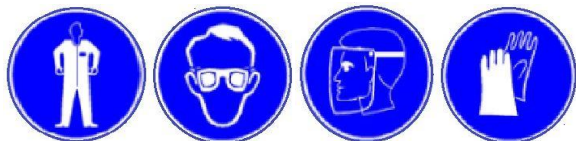
Individual protection measures, such as personal protective equipment

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.

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9. Physical and Chemical Properties

Appearance	- Physical State	: liquid
	- Color	: light yellow
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
Water solubility		: Immiscible in water
Solubility(ies)		: No data available
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

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Bulk density : No data available

10. Stability and Reactivity

Reactivity : No reactivity under the normal usage.
Chemical stability : Stable under normal conditions.
Explosion data : Sensitivity to Mechanical Impact; No data available.
Sensitivity to Static Discharge; No data available.
Possibility of Hazardous : None under normal processing.
Reactions
Conditions to Avoid : Extremes of temperature and direct sunlight.
Incompatible Materials : Strong oxidizing agents.
Hazardous : Thermal decomposition can lead to release of irritating and toxic
decomposition products gases and vapors.

11. Toxicological Information

[Information on likely routes of exposure]

INHALATION : No data available.
INGESTION : Ingestion may cause irritation to mucous membranes
Skin Contact : No data available.
Eye contact : No data available.

[Information on toxicological effects]

Acute toxicity : No data available.

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

Skin : No data available.

corrosion/irritation

Serious eye damage/eye : No data available.

irritation

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 : No data available.

exposure

Chronic toxicity : Avoid repeated exposure

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Subchronic toxicity : No data available.

Neurological effects : No data available.

Other adverse effects : No data available.

Aspiration hazard : No data available.

[Numerical measures of toxicity]

Unknown Acute : 77.2% of the mixture consists of ingredient(s) of unknown toxicity.

Toxicity

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 : No data available.

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

Persistence and : No data available.

Degradability

Bioaccumulation : No data available.

Mobility : No data available.

Other adverse effects : No data available.

13. Disposal Considerations

[Waste treatment methods]

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

Contaminated packaging : Disposal should be in accordance with applicable regional, national 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.

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

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Proper shipping name	: Not regulated
Hazard Class	: Not regulated
Packing Group	: Not regulated
Special Provisions	: none
Marine pollutant	: Not Applicable
Environmental hazard	: Not Applicable
[IATA]	
UN/ID no	: Not regulated
Proper shipping name	: Not regulated
Hazard Class	: Not regulated
Packing Group	: Not regulated
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
[ADN]	
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

15. Regulatory Information

[National Regulations]

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Poisons Act : Not Applicable

Fire Safety Act : Not Applicable

Environmental : Not Applicable

Protection Management

Law

We adopted 1.0% or more as a threshold value in case of no provision in a law.

16. Other Information

[Reference]

LOLI Database (ChemADVISOR, Inc.)

[The reference on GHS classification results]

EU CLP(1272/2008)Annex VI Table 3.1

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