

Safety Data Sheets

1. Identification

Product Name : LUS-170 Magenta
Order No. : LUS17-M-BA
General Use : Ink jet printing ink
Product Description : UV Inkjet ink
SDS Number : 037-U183078
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

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

[Label Elements]

Symbol

none

Signal Word

none

Hazard Statements

EUH208 - May produce an allergic reaction

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Precautionary Statements

[Prevention]

P281 - Use personal protective equipment as required

[Response]

P314 - Get medical advice/attention if you feel unwell

[Storage]

P404 - Store in a closed container

Safety Data Sheets

[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
Colorant	CBI		1-5
Additives	CBI		1-5
Photoinitiator	CBI		1-5

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. 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.

[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.

Safety Data Sheets

Note to physicians : Treat symptomatically

5. Fire Fighting Measures

- Flammable Properties : Flash Point, 109 ° C / 228 ° F
- Suitable Extinguishing : Dry chemical, CO₂, water spray or alcohol-resistant foam.
- Media
- Unsuitable Extinguishing : Do not use a solid water stream as it may scatter and spread fire.
- Media
- Specific extinguishing : No data available
- methods
- Specific hazards arising : In the event of fire and/or explosion do not breathe fumes. May
- from the chemical : cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.
- Protective equipment and : Wear self-contained breathing apparatus and protective suit.
- precautions for
- firefighters

6. Accidental Release Measures

- 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.
- Environmental : Collect spillage. Do not allow into any sewer, on the ground or into
- Precautions : 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. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. Handling and Storage

[Precautions for Safe Handling]

- Advice on safe handling : Use personal protective equipment as required. Avoid contact with

Safety Data Sheets

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.

[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.

Prevents Handling of : No information available

Incompatible

Substances or Mixtures

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]

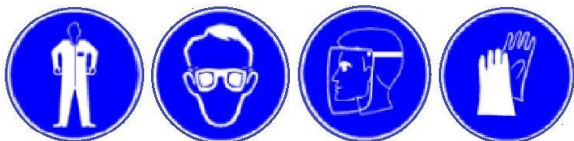
Engineering Controls : Ensure adequate ventilation, especially in confined areas

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.



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

Safety Data Sheets

Flash point	: 109 °C / 228 °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	: No data available
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	: <35 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

10. Stability and Reactivity

Stability	: Stable under normal conditions.
Possibility of Hazardous	: None under normal processing.
Reactions	
Conditions to Avoid	: Heat, flames and sparks
Incompatible Materials	: Strong oxidizing agents.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. Toxicological Information

Safety Data Sheets

[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

- 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 : 86% 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 : 99% of the mixture consists of component(s) of unknown hazards to the aquatic environment

- Persistence and : No data available.

Degradability

Safety Data Sheets

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.
Safe handling and methods of disposal : No data available.

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
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

Safety Data Sheets

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

15. Regulatory Information

[National Regulations]

Poisons Act	: Not Applicable
Fire Safety Act	: Not Applicable
Environmental Protection Management Law	: Not Applicable

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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