

Safety Data Sheet

Product Identifier: Sb420 Light Magenta D

SDS No. 037-W428415

First issue: 2026/01/26

Revised:

1. IDENTIFICATION

Product Identifier	Sb420 Light Magenta D
Product code	SB420-LMD-2L
Recommended use and restriction use	INK JET ink
Supplier name	MIMAKI ENGINEERING CO., LTD.
Address	2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone number	+81-268-64-2413
Importer / Distributor name	MIMAKI SINGAPORE PTE. LTD.
Address	31 Kaki Bukit Road 3 Singapore 417818 TechLink #02-03
Telephone number	+65-6508-2789
Emergency telephone number	+65 3165 2217 (within Singapore only) +65 3158 1074

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Health hazards	Serious eye damage/eye irritation Category 2A Sensitization – skin Category 1A Specific target organ toxicity (single exposure) Category 1 (blood central nervous system) Specific target organ toxicity (single exposure) Category 3 (narcotic effect) Specific target organ toxicity (repeated exposure) Category 1 (respiratory apparatus central nervous system)
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GHS LABEL ELEMENTS

Pictograms



Signal Word

Danger

Hazard Statements

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

H370 Causes damage to organs(blood,central nervous system)

H372 Causes damage to organs(respiratory apparatus,central nervous
system) through prolonged or repeated exposure

Precautionary Statements

Prevention

Do not breathe mist, vapours and spray.(P260)

Wash thoroughly after handling.(P264)

Do not eat, drink or smoke when using this product(P270)

Use only outdoors or in a well-ventilated area(P271)

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

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Response

Wear protective gloves, eye protection and face protection.(P280)
IF ON SKIN: Wash with plenty of soap and water(P302+P352)
IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)
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 exposed or concerned: Call a POISON CENTER/doctor(P308+P311)
Get medical advice/attention if you feel unwell(P314)
If skin irritation or rash occurs: Get medical advice/attention(P333+P313)
If eye irritation persists: Get medical advice/attention(P337+P313)
Take off contaminated clothing and wash it before reuse.(P362+P364)
Storage
Store in a well-ventilated place. Keep container tightly closed.(P403+P233)
Store locked up(P405)
Disposal
Dispose of waste in accordance with local, state and federal regulations.(P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances or mixtures	Mixtures		
Chemical name	Contents	Chemical Formula	CAS RN
Water	55–65%	H2O	7732–18–5
1,2-Propanediol	15–25%	C3H8O2	57–55–6
Glycerol	5–15%	C3H8O3	56–81–5
Disperse Red 60	1–10%	Secreto Comercial	17418–58–5
Other	10–20%	Secreto Comercial	Secreto Comercial
Ethoxylated 2,4,7,9-tetramethyl 5 decyn-4,7-diol	<2%	Secreto Comercial	9014–85–1

4. FIRST-AID MEASURES**In case of inhalation**

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

IF exposed or concerned: Call a doctor.

In case of skin contact

IF ON SKIN: Wash with plenty of soap and water.
Take off contaminated clothing and wash before re-use.
If skin irritation or rash occurs, get medical advice and attention.
Specific treatment.

In case of eye contact

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

In case of ingestion

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Call a doctor.

Rinse mouth.

IF SWALLOWED: Call a doctor if you feel unwell.

IF exposed or concerned: Call a doctor.

5. FIRE-FIGHTING MEASURES

Suitable fire-extinguishing media

Use extinguishing agent suitable for type of surrounding fire.

Specific hazards arising from the chemical

Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.

Special protective actions for fire fighters

Use goggles in combination with dust mask, and another protections as appropriate to situation.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Environmental precautions

Large spills :Evacuate area.

Ensure adequate ventilation.

Do not discharge into the drains, surface waters or ground water directly.

Methods and materials for containment and cleaning up

Large spills: Dike spills and dispose of in safe area.

small spill : absorb with material such as non-combustible material wash thoroughly after handling

Cautiously neutralize with dilute acid if necessary

When neutralizing, be cautious of heating and fuming.

Keep away from sources of ignition and prepare extinguishing media.

Prevention Measures for Secondary Accidents

Risk of slipping. Spilled material forms slippery floor.

Do not recklessly walk on the spillage.

7. HANDLING AND STORAGE

Handling

Technical measures

Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Safe handling advice

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear eye protection/face protection.

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

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Do not breathe dust/fume/gas/mist/vapours/spray.

Storage

Suitable storage conditions

Store locked up.

Store container tightly closed in well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH (TLV)	OSHA (PEL)	Workplace Safety And Health (General Provisions) Regulations
Glycerol	Not established	15 mg/m ³ TWA (mist, total particulate); 5 mg/m ³ TWA (mist, respirable fraction)	10 mg/m ³ PEL (mist)

Engineering measures

Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures

Respiratory protection

If necessary, wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

If necessary, wear protective eye protection.

Skin and body protection

If necessary, wear protective clothing.

Hygiene measures

Wash hand thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical State

Liquid

Color

Red

Odor

Unique odor

Odor threshold

No data available

pH

8-10

Melting point

No data available

Boiling point

No data available

Flash point

Not ignited

Evaporation rate

No data available

Flammability(Solid, Gas)

Non combustible

Flammability or explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density

1-1.2 g/cm³

Solubility(ies)

Water soluble

Partition coefficient: n-octanol/water

No data available

Auto-ignition temperature

Non combustible

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Decomposition temperature	No data available
Viscosity	4–6 mPas(25°C)

10. STABILITY AND REACTIVITY

Reactivity	No information available
Chemical stability	Stable under normal conditions of use.
Possibility of hazardous reactions	Stable under normal conditions of use.
Conditions to avoid	Contact with naked flames, sparks, all other ignition sources, and contraindicated substances
Incompatible materials	Acids, bases, oxidizing substances, metal oxides, peroxides, reducing agents, flammable substances, halocarbons, metals, metal salts
Hazardous decomposition products	Combustion produces carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Oral)	Classification not possible.
Acute toxicity (Dermal)	Classification not possible.
Acute toxicity (Inhalation : Gases)	Does not fall under gas based on GHS definitions.
Acute toxicity (Inhalation : Vapours)	Classification not possible.
Acute toxicity (Inhalation : dust/mist)	Classification not possible.
Skin corrosion/ Irritation	Classification not possible.
Serious eye damage/ irritation	Category 1:9014–85–1 (source: Registered substances (ECHA))
	Sum of 10 x (Eye category 1 + Skin category 1) Concentration limit = 10%. Classification result = Category 2A.
Respiratory Sensitization	Classification not possible.
Skin Sensitization	Category 1A:17418–58–5 (source: Registered substances (ECHA))
	17418–58–5 >= 0.1% Classification result = Category 1A
Germ cell mutagenicity	Classification not possible.
Carcinogenicity	Classification not possible.
Reproductive toxicity	Classification not possible.
Reproductive toxicity, effects on or via lactation	Unable to classify due to insufficient data.
Specific target organ Toxicity – Single Exposure	Category 1:57–55–6 (organ = blood, central nervous system, source: NITE) Category 3:57–55–6 (organ = narcotic effect, source: NITE)
	57–55–6 >= 10% Classification result = Category 1(blood, central nervous system) Sum of Category 3(narcotic effect) Concentration limit = 20%. Classification result = Category 3(narcotic effect).
Specific target organ toxicity –	Category 1:57–55–6 (organ = respiratory apparatus, central nervous



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