

Safety Data Sheets

SDS No. 037-W137067 First issue: 2021/11/18

Revised:

1. Identification

Product Name : Dye Sublimation Ink Sb52 Light Blue Order No. : SPC-0584LBL-2, SPC-0585LBL-2

General Use : Ink jet printing ink
Product Description : Dye Sublimation Ink

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 Information

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. : +61 2 8014 4558 (within Australia only)

18000 74234 (within Australia only)

+65 3158 1074

2. Hazards Identification

[GHS Classification]

Physical Hazards

Flammable Liquids : Not classified

Health Hazards

Sensitization – Skin : Category 1

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

[GHS Label Elements]

Symbol



Signal Word Warning



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Hazard Statements

H317 May cause an allergic skin reaction

Precautionary Statements

[Prevention]

P261 Avoid breathing gas/mist/vapors.

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

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

[Response]

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

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

P362+P364 Take off contaminated clothing and wash before reuse.

[Disposal]

P501 Dispose of contents/container in accordance with local/regional/national/international regulation (to be specified).

3. Composition / Information on Ingredients

No	Chemical Name	Wt%	CAS No.	Chemical
				Formula
1	Disperse dye	Trade Secret	Trade Secret	Trade Secret
2	Glycerols	Trade Secret	Trade Secret	Trade Secret
3	Organic materials	<5	Trade Secret	Trade Secret
4	Triethanolamine	<5	102-71-6	C6H15NO3
5	Water	balance	7732-18-5	H ₂ O

4. First Aid Measures

Inhalation : Remove person to fresh air and keep comfortable for breathing. Call

a POISON CENTER or doctor/physician.

Eye Contact : Flush eyes with plenty of water for at least 15 minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

Get immediate medical attention.

Skin Contact : 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/attention.

Ingestion : If swallowed, get medical attention.

Most Important Symptoms/Effects

Acute : allergic skin reaction
Delayed : allergic skin reaction



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Indication of Immediate

Medical Attention and **Special Treatment** Needed, If Needed

: Treat symptomatically and supportively.

Fire Fighting Measures

Flammable Properties : Flash point Not flammable

Extinguishing Media : water spray, dry extinguishing media, foam, carbon dioxide

Unsuitable Extinguishing : Do not scatter spilled material with high-pressure water streams.

Media

Special Hazards Arising

from the Chemical

Hazardous Combustion

Products

Fire Fighting

Measures

Special Protective Equipment and Precautions for

Firefighters

: Negligible fire hazard.

: oxides of carbon, acrolein, oxides of sulfur

: Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. Avoid inhalation of material or

combustion by-products.

: Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible

exposure.

Accidental Release Measures

Personal Precautions,

Protective Equipment

and Emergency

Procedures

Methods and Materials

for Containment and

Cleaning Up

: Wear personal protective clothing and equipment, see Section 8.

Avoid release to the environment.

Eliminate all ignition sources if safe to do so. Stop leak if possible

without personal risk. Reduce vapors with water spray.

Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

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Large spills: Dike for later disposal. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas.

7. Handling and Storage

Precautions for Safe

Handling

: Avoid breathing gas/mist/vapors. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective

clothing/eye protection/face protection.

Conditions for Safe Storage, including any

Incompatibilities

: Store and handle in accordance with all current regulations and standards. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Keep separated from incompatible substances.

Protect from temperatures below: 0 degree C. Protect from temperatures above: 40 degree C.

8. Exposure Controls / Personal Protection

Exposure Limit Values

No	Chemical Name	ACGIH	Occupational Exposure Standards (Safe Work Australia)
1	Triethanolamine	5mg/m3 (TLV-TWA)	5mg/m3 (TWA)

Exposure Controls

Occupational Exposure Controls

Appropriate

: Provide local exhaust or process enclosure ventilation system. Ensure

compliance with applicable exposure limits.

Engineering Controls
Personal Protection

Respiratory

: Consult with a health and safety professional for specific respirators

appropriate for your use.



Hand Protection

: Wear appropriate chemical resistant gloves.





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 $\hbox{ Eye Protection } \qquad \hbox{ : Wear splash resistant safety goggles with a faceshield. Provide an}$

Safety Glasses emergency eye wash fountain and quick drench shower in the immediate work area.

Safety

Skin Protection : To prevent ANY contact, wear impervious clothing such as gloves,

apron, boots, or whole body suits made from neoprene, as

appropriate.









9. Physical and Chemical Properties

wesd - Physical state : liquid

- Colour : Blue

Odour : product specific

pH : 7.0~9.5

Boiling Point / Boiling Range : 100 degree C Water

Melting Point / Melting Range : Not available.

Flash Point : Not applicable.

Flammability(solid, gas) : Not available.

Specific Gravity : 1.00~1.20

Solubility : Not available.

Water solubility : complete

Viscosity : 3.0~5.0mPa.s(20 degree C)

10. Stability and Reactivity

Conditions To Avoid : High and freezing temperatures.

Stability : Stable

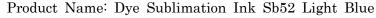
Materials To Avoid : Not available.

Hazardous Reactions/ : Combustion: oxides of carbon, acrolein, oxides of sulfur

Decomposition Products

Hazardous : Combustion: oxides of carbon, acrolein, oxides of sulfur

Decomposition





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11. Toxicological Information

Acute Toxicity : Oral LD50 (ATE mix): >2000mg/kg

Dermal LD50 (ATE mix): >2000mg/kg

Information on Likely Routes of Exposure

Inhalation : irritation, difficulty breathing, headache, nausea

Ingestion : fever, nausea, vomiting, diarrhea, headache, dizziness, sleep

disturbances, blood disorders, kidney damage, paralysis, reproductive effects, convulsions, skin disorders, stomach pain, drowsiness, loss of

coordination, unconsciousness

Skin Contact : allergic reactions, irritation, nausea, headache, drowsiness, dizziness,

loss of coordination

Eye Contact : irritation

Immediate Effects : allergic skin reaction, skin irritation, eye irritation

Delayed Effects : allergic skin reaction

Medical Conditions : No information available for the product.

Aggravated by Exposure

Irritation/Corrosivity : skin irritation, eye irritation

Data

Respiratory : No information available for the product.

Sensitization

Dermal Sensitization : May cause an allergic skin reaction.

Germ Cell Mutagenicity : No information available for the product.
Carcinogenicity : No information available for the product.
Reproductive Toxicity : No information available for the product.
Specific Target Organ : No information available for the product.

Toxicity - Single

Exposure

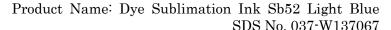
Specific Target Organ : No information available for the product.

Toxicity - Repeated

Exposure

Aspiration Hazard : No information available for the product.

12. Ecological Information





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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.

Aquatic Toxicity : Not classified as a product.

Persistence and : No information available for the product.

Degradability

Bioaccumulation : No information available for the product.

Mobility : No information available for the product.

Other Toxicity : No additional information is available.

13. Disposal Considerations

Disposal Methods : Dispose in accordance with all applicable regulations.

Disposal of : Empty containers may contain product residue. Dispose in

Contaminated accordance with all applicable regulations.

Packaging

14. Transport Information

Check a thing without a leak in a container.

Perform prevention of collapse of cargo surely.

TDG Information : Not regulated as dangerous goods for transport.

IATA InformationNot regulated as dangerous goods for transport.ICAO InformationNot regulated as dangerous goods for transport.

IMDG Information : Not regulated as dangerous goods for transport.

15. Regulatory Information

Australia Regulations

High Volume Industrial : Listed

Chemicals List

Work Health and Safety : No component(s) are listed on the Prohibited Carcinogens list.

Regulations - Prohibited

Carcinogens



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Work Health and Safety: No component(s) are listed on the Restricted Carcinogens list.

Regulations - Restricted

Mimaki

Carcinogens

Work Health and Safety : No component(s) are listed on the Restricted Hazardous Chemicals

Regulations - Restricted

Hazardous Chemicals

Australia Work Health : None of this product's components are on the list.

and Safety Regulations -

Hazardous Chemicals

Requiring Health

Monitoring

16. Other Information

Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; CAS - Chemical Abstracts Service; CLP - Classification, Labelling and Packaging; EEC - European Economic Community; EIN (EINECS) - European Inventory of Existing Commercial Chemical Substances; ELN (ELINCS) - European List of Notified Chemical Substances; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IMDG - International Maritime Dangerous Goods; IBC Code -International Bulk Chemical Code; Kow - Octanol/water partition coefficient; LEL - Lower Explosive Limit; LOLI - List Of LIstsTM - ChemADVISOR's Regulatory Database; MAK -Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NTP = National Toxicology Program; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - European Rail Transport; STEL - Short-term Exposure Limit; TWA - Time Weighted Average; UEL - Upper Explosive Limit

Other Information

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