

Section 1—Identification

Product identifier	Sb411 Fluorescent Yellow T
Other means of identification	Not available
Product code	SB411-FYT-2L
Recommended use of the chemical and restrictions on use	
Recommended use	Water-based disperse dye ink
Restrictions on use	For use as ink jet printing ink only
Details of Australian manufacturer or importer	
Name	MIMAKI AUSTRALIA PTY LTD.
Australian address	Unit 14, 38-46 South Street, Rydalmere, NSW 2116, Australia
Telephone	+61-2-8036-4500
Emergency telephone number	+61 2 8014 4558 (within Australia only) 18000 74234 (within Australia only) +65 3158 1074
Details of overseas supplier	
Name	MIMAKI ENGINEERING CO., LTD.
Address	2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone	+81-268-64-2413

Section 2—Hazard(s) identification

Classification of the hazardous chemical

Specific target organ toxicity - Single exposure	Category 1 (Central nervous system, blood system), Category 3 (Narcotic effects)
Specific target organ toxicity - Repeated exposure	Category 1 (Central nervous system, respiratory organs)

Hazards not described are "Not classified", "Not applicable" or "Classification not possible".

Label elements



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Causes damage to organs through prolonged or repeated exposure (Central nervous system, respiratory organs)

Precautionary statement

Prevention	Do not breathe dust/fume/gas/mist/vapours/spray. Wash contaminated areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Call a POISON CENTRE/doctor. Call a POISON CENTRE/doctor if you feel unwell. Specific treatment(see section 4 on SDS).
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3—Composition and information on ingredients

Distinction of substance or mixture Mixture

Chemical name	CAS Number	Concentration or concentration range
Water	7732-18-5	50-60%
1,2-Propanediol	57-55-6	20-30%
1,2,3-Propanetriol	56-81-5	10-20%
Others	Trade secret	5-15%
Dye	Trade secret	1-10%

Section 4—First aid measures

Description of necessary first aid measures

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
Skin contact	Call a POISON CENTRE/doctor if you feel unwell.
Eye contact	Call a POISON CENTRE/doctor if you feel unwell.
Ingestion	Call a POISON CENTRE/doctor if you feel unwell.
Symptoms caused by exposure	Not available

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Medical attention and special treatment

Treat according to the symptoms.

Section 5—Firefighting measures

Suitable extinguishing equipment All extinguishing agents

Unsuitable extinguishing media Not available

Specific hazards arising from the chemical Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for firefighters Move containers from fire area if you can do it without risk.
Be careful not to cause environmental pollution by the outflow of fire extinguishing agent or dilution water.
Wear proper protective equipment. Extinguish fire from windward as much as possible.
Hazchem Code: Not applicable

Section 6—Accidental release measures

Personal precautions, protective equipment and emergency procedures

Workers must wear appropriate protection equipment (see Section 8) and work from upwind.

Isolate the site as a leak area by providing a zone that has an appropriate width to all directions.

Prohibit unauthorized entry into the area.

Environmental precautions

Avoid release to the environment.

Methods and materials for containment and cleaning up

Stop leak if you can do it without risk.

Collect spillage as much as possible.

Section 7—Handling and storage

Precautions for safe handling

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

Wash contaminated areas thoroughly after handling.

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

Use only outdoors or in a well-ventilated area.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

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Section 8—Exposure controls and personal protection

Exposure control measures

Workplace Exposure Standards for Airborne Contaminants (Australia)

1,2-Propanediol TWA 150ppm 474mg/m³ (vapour & particulates)

1,2-Propanediol TWA 10mg/m³ (particulates only)

1,2,3-Propanetriol TWA 10mg/m³

ACGIH Not available

Biological monitoring

ACGIH Not available

Control banding

Not available

Engineering controls

It is recommended to properly install local exhaust device, closed system or full ventilation equipment.

Provide showers, hand-wash and face-wash stations in the workplace and display the position clearly.

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection Wear eye protection as necessary.

Skin protection Wear protective clothing, safety shoes and gloves as necessary.

Respiratory protection Wear face protection as necessary.

Hand protection Wear protective gloves as necessary.

Thermal hazards Not available

Section 9—Physical and chemical properties

Physical state Liquid

Colour Yellow

Odour Characteristic odour

pH 6-9

Melting point/freezing point Not available

Boiling point or initial boiling point and Not available

boiling range

Flash point Non-flammable

Flammability Not available

Lower and upper explosion Upper limits: Not available

limit/flammability limit Lower limits: Not available

Vapour pressure Not available

Density and/or relative density 1.0-1.2

Solubility Easily soluble in water

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Partition coefficient n-octanol/water (log value)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	3-6 mPa·s (25°C)
Kinematic viscosity	Not available
Relative vapour density	Not available
Particle characteristics	Not available

Section 10—Stability and reactivity

Reactivity	Not available
Chemical stability	Stable under normal handling conditions.
Possibility of hazardous reactions	May react with incompatible materials.
Conditions to avoid	Avoid heat, high temperatures, flames, sparks, and sources of ignition.
Incompatible materials	Oxidisers, strong oxidisers, reducing agents, acids, strong acids, alkalis, strong alkalis.
Hazardous decomposition products	Combustion may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other harmful gases.

Section 11—Toxicological information

Acute toxicity	
Oral	Not available
Dermal	Not available
Inhalation	Not available
Skin corrosion/irritation	
Not available	
Serious eye damage/irritation	
Not available	
Respiratory sensitisation	
Not available	
Skin sensitisation	
Not available	
Germ cell mutagenicity	
Not available	
Carcinogenicity	

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Not available

Reproductive toxicity

Not available

Specific target organ toxicity - single exposure

Category 1 (Central nervous system, blood system)

Category 3 (Narcotic effects)

Specific target organ toxicity - repeated exposure

Category 1 (Central nervous system, respiratory organs)

Aspiration hazard

Not available

Section 12—Ecological information**Ecotoxicity**

Not available

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

Section 13—Disposal considerations**Disposal methods**

Dispose of contents/container in accordance with local/regional/national/ international regulations.

Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

Section 14—Transport information**UN number**

Not applicable

Proper shipping name or technical name

Not applicable

Transport hazard class

Not applicable

Packing group number

Not applicable

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Environmental hazards for transport purposes

Marine pollutant (Yes/No)	No
Special precautions for user	Make sure that there is no leakage of containers during transporting. Prevent containers from overturning, falling and being damaged during loading. Prevent the cargo from collapsing.
Additional information	Not available
Hazchem or emergency action code	Not available

Section 15—Regulatory information

Applicable Australian regulations

Workplace Exposure Standards for Airborne Contaminants

1,2-Propanediol / 1,2,3-Propanetriol

Section 16—Other information

Key/legend to abbreviations and acronyms used	TWA: Time Weighted Average ACGIH: American Conference of Governmental Industrial Hygienists
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Notice to reader

The information provided in this SDS are based on currently available materials, information, and other data, however, we cannot assume any liability for the accuracy of the information contained. All chemical products may have unknown, potentially hazardous characteristics. It is recommended that handling should be done with caution.

The sign "-" included above means no relevant information.