Safety Data Sheet

Product identifier: Aqueous pigment ink AP50 Cyan
SDS No.: 037-W599561
Date of preparation: 2025/08/29
Date of revision: -

Section 1—Identification

Product identifier Aqueous pigment ink AP50 Cyan

Other means of identification Not available

Product code AP50-C-BJ

Recommended use of the chemical and restrictions on use

Recommended use Water-based pigment 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) (24h)
18000 74234 (within Australia only) (24h)
+65 3158 1074 (24h)

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

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

Label elements

Pictogram None

Signal word None

Hazard statement None

Precautionary statement None

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	50-80%
1,2,3-Propanetriol	56-81-5	10-20%
1,2-Ethanediol	107-21-1	5-15%

Pigment	Trade Secret	4-8%

Section 4—First aid measures

Description of necessary first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact	Get medical advice/attention if you feel unwell.
Eye contact	Get medical advice/attention from an ophthalmologist if you feel unwell.
Ingestion	Get medical advice/attention if you feel unwell.
Symptoms caused by exposure	Not available
Medical attention and special treatment	Treat according to the symptoms.

Section 5—Firefighting measures

Suitable extinguishing equipment	Not available
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

Use in a well-ventilated area.

Wash contaminated areas thoroughly after handling.

Optimal operating temperature: 15-28℃

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area.

Store locked up.

Warehouse temperature: ≥0℃

Incompatible materials: Oxidants, acids and alkalis.

Section 8—Exposure controls and personal protection

Exposure control measures

Workplace Exposure Standards for Airborne Contaminants (Australia)

1,2,3-Propanetriol	TWA 10mg/m^3
1,2-Ethanediol	TWA 10mg/m^3 (particulate)
1,2-Ethanediol	TWA 20ppm 52mg/m^3 STEL 40ppm 104mg/m^3 (vapour)
ACGIH	
1,2-Ethanediol	TWA 25ppm $^{(V)}$ STEL 50ppm$^{(V)}$ 10mg/$m^{3(I)(H)}$ (A4)

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

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Colour	Cyan
Odour	None
pH	7-9
Melting point/freezing point	Not available
Boiling point or initial boiling point and boiling range	100℃
Flash point	None
Flammability	Not available
Lower and upper explosion limit/flammability limit	Upper limits: None Lower limits: None
Vapour pressure	Not available
Density and/or relative density	1.0-1.1
Solubility	Not available
Partition coefficient n-octanol/water (log value)	Not available
Auto-ignition temperature	None
Decomposition temperature	0℃
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	None
Conditions to avoid	None
Incompatible materials	Strong oxidants, strong acids
Hazardous decomposition products	None

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

Not available

Reproductive toxicity

Not available

Specific target organ toxicity - single exposure

Not available

Specific target organ toxicity - repeated exposure

Not available

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
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 international regulations

Montreal Protocol	Not listed
Stockholm Convention	Not listed
Rotterdam Convention	Not listed
Basel Convention	Not applicable
International Convention for the Prevention of Pollution from Ships (MARPOL)	Not applicable

Applicable Australian regulations

Work Health and Safety Act	Applicable
Work Health and Safety Regulations	Applicable

Industrial Chemicals Act 2019

Australian Inventory of Industrial Chemicals

Water / 1,2,3-Propanetriol / 1,2-Ethanediol

Workplace Exposure Standards for Airborne Contaminants

1,2,3-Propanetriol / 1,2-Ethanediol

Section 16—Other information

Date of revision	-
Revision information	Not available
Key/legend to abbreviations and acronyms used	TWA: Time Weighted Average STEL: Short-term Exposure Limit ACGIH: American Conference of Governmental Industrial Hygienists V: Vapour fraction I: Inhalable particulate matter H: Aerosol only A4: Not classifiable as a human carcinogen
Key literature references and sources for data used to compile the SDS	Not available

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.