

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Identification of the substance or preparation

Product Name : Cleaning-Solution Bottle A29

Product Code : SPC-0137

1.2. Use of the substance/preparation

General Use : Cleaning Solution of ink

Product Description : Aqueous liquid

1.3. Company/undertaking identification

MANUFACTURER

Company Name : Mimaki Engineering Co., Ltd

Address : 2182-3 Otsu, Shigeno, Tomi-shi, Nagano 389-0512 Japan

Telephone No. : +81-268-64-2413

Charge post : Inks and Media Division

Person in charge : Isao Tabayashi

E-mail address : tabayashi@mimaki.co.jp

IMPORTER/DISTRIBUTOR ESTABLISHED IN EU

Company Name : MIMAKI EUROPE B.V.

Address : Joan Muyskenweg 42-44, 1099CK Amsterdam

Telephone No. : +31-20-4627-640

Person in charge : Sakae Sagane

1.4. Emergency telephone

EMERGENCY : Mimaki Engineering Co., Ltd +81-268-64-2413

TELEPHONE : National Vaccine Information Center (NVIC)

NUMBER : +31-30-274888

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW :

Liquid is a clear liquid that cause eye, nose or throat irritation, and that effects anesthesia, if inhales. Ink may flash, when under high temperature. Avoid contact with eyes or clothing. In the case of skin contact, wash with soap and water. Keep out of reach of children.

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POTENTIAL HEALTH EFFECTS

- Inhalation : Intentional exposure to liquid vapors (mist) will cause respiratory irritation and anesthesia.
- Eye : Liquid contact with eye will be irritating.
- Skin : Liquid contact with skin may cause minimally irritation.
- Ingestion : May cause upset stomach.

POTENTIAL ENVIROMENTAL EFFECTS

: Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

No	Chemical Name	Wt%	CAS No.	EINECS No.	Symbol letters	Risk Phrase	Chemical Formula
1	Proprietary organic materials	<5	Trade Secret	Trade Secret	not classified	not classified	Trade Secret
2	Water	balance	7732-18-5	231-791-2	not classified	not classified	H ₂ O

4. FIRST AID MEASURES

- INHALATION : Remove subject to ventilated fresh air. Consult physician if necessary.
- EYE : Immediately flush with room temperature, low pressure, clean water for at least 15 minutes. Seek medical attention if eye irritation continues.
- SKIN : Wash surface areas with soap and water. Wash soiled clothing before rewearing. Consult a physician if irritation continues.
- INGESTION : Seek medical advice; and attention if stomach continues to be upset.

PROTECTION TO FIRST-AIDERS

: Not available

5. FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES

: Not flammable

EXTINGUISHING MEDIA

: Dry chemical or carbon dioxide.

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FIRE FIGHTING INSTRUCTIONS

: No special fire fighting procedures are required other than breathing apparatus. No special explosion hazards are known.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL : If a spill occurs, use sponges to wipe-up ink, then rinse area with damp cloth. Place waste in closed container for disposal.

WATER SPILL : Do not dispose of waste to use the sewer.

7. HANDLING AND STORAGE

HANDLING : Keep out of reach of children and do not drink ink. Do not dismantle battle.

STORAGE : Do not store the bottle in high or freezing temperatures. Keep bottle out of direct sunlight. Do not store bottle with oxidizing agents or explosives.

SPECIFIC USES : Not specified

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values

Not available

8.2. Exposure controls

8.2.1. Occupational exposure controls

Engineering : Not special measures required.

Controls

Personal Protection

Respiratory Protection : Self-contained breathing apparatus or organic canister mask is sufficient when used for work.

Hand Protection : Wearing gloves is sufficient.

Eye Protection : Wearing safety goggles is sufficient

Skin Protection : Wearing gloves is sufficient.

8.2.2. Environmental exposure controls

: Not established

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

Appearance - Physical state : liquid
- Colour : Clear
Odour : None

9.2. Important health, safety and environmental information

pH : About 7~8
Boiling Point / Boiling Range : Not available
Flash Point : Not detected until 100 degree C (closed cup, ASTM D3278)
Flammability(solid, gas) : Not available
Relative density : About 1.0 at 20 degree C
Solubility : Not available
Water solubility : Complete
Viscosity : about 0.8~1.2 at 25 degree C

9.3. Other information

Melting Point / Mering Range : Not available
Specific Gravity : 1.00~1.10

10. STABILITY AND REACTIVITY

CONDITONS TO AVOID : High and freezing temperatures
STABILITY : Stable under normal temperature
MATERIALS TO AVOID : Oxidizers and explosives
HAZARDOUS DECOMPOSITION PRODUCTS : None

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY : Not available
EYE IRRITATION : Not available
SKIN IRRITATION : Not available
SENSITIZATION : Not available
MUTAGENICITY : None known

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CARCINOGENICITY

: Not contain any substances listed in IARC Monographs (1,2A and 2B)

12. ECOLOGICAL INFORMATION

ECOTOXICITY : Not available

MOBILITY : Not available

PERSISTENCE AND DEGRADABILITY

: Not available

BIOACCUMULATIVE POTENTIAL

: Not available

RESULTS OF PBT ASSESSMENT

: Not available

OTHER ADVERSE EFFECTS

: Not available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with federal, state, and local requirements.

Do not dump this product into sewers, on the ground or into any body of water.

14. TRANSPORT INFORMATIONS

UN Class/UN Number : Not applicable

DOT, IMO, or IATA : Not hazardous classification.

15. REGULATORY INFORMATION

Symbols and indication according to 1999/45/EC: The material does not meet the criteria for classification as dangerous.



Product Name: Cleaning-Solution Bottle A29

MSDS No.032-33C040B

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16. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Mimaki Engineering Corporation.

It relates only to the specific material designated herein, and does not relate to use in combination with any other material or process.

Mimaki Engineering Corporation assumes no legal responsibility for use or reliance upon this information.

Revision history

Version	Date	Content
1.0	Oct 12, 2007	First issue
2.0	Feb 5, 2008	No. 1.4 EMERGENCY TELEPHONE NUMBER