

Safety Data Sheets

1. Identification

Product Name : Solvent for cloth wiper G kit (SPC-0919)
Order No. : SPC-0919 (As cloth wiper G kit)
General Use : Solvent for cloth wiper G kit (SPC-0919)
Product Description : Solvent clear liquid
SDS Number : 037-O127256
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 Established in USA
Company Name : MIMAKI USA, INC.
Address : 150 Satellite Boulevard NE , suite A, Suwanee, Georgia 30024,
U.S.A.
Telephone No. : +1-678-730-0170
Emergency Telephone No. : +1 866 928 0789 (within United States only, Toll free)
+1 215 207 0061

2. Hazards Identification

[HCS Classification]

Physical Hazards

Flammable Liquids : Not classified

Health Hazards

Serious Eye Damage / Irritation : Category 2

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

[HCS Label Elements]

Symbol



Signal Word

Warning

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Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

[Prevention]

P264 Wash hands thoroughly after handling.

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

[Response]

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

[Storage]

None

[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.
1	Tetraethylene glycol monobutyl ether	≥ 98.0	1559-34-8

4. First Aid Measures

Inhalation : When a worker feels sick, transfer him/her to a place under fresh air and let him/her take ease. Seek medical attention immediately.

Eye Contact : Wash the contamination out of eyes, even reverse side of eyelids, immediately with plenty of running water for more than 15 minutes, Seek medical attention as soon as possible.

Skin Contact : Take off immediately all contaminated clothing and shoes, and wash contaminated parts of body and skin with water and soap, and then with running water.

Ingestion : If swallowed product, should not let patient vomit forcibly, because vomited articles may be a cause of such danger that it might block patient's tracheae. Should get medical attention, immediately.

Most Important Symptoms/Effects

Acute : No information

Delayed : No information

Indication of Immediate : Treat symptomatically and supportively.

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Medical Attention and
Special Treatment
Needed, If Needed

5. Fire Fighting Measures

Flammable Properties	: Flash Point: 166°C
Extinguishing Media	: Powders, carbon dioxide, sprinkle water, spray water, bubbles.
Unsuitable Extinguishing Media	: Do not scatter spilled material with high-pressure water streams.
Special Hazards Arising from the Chemical	: No information available
Hazardous Combustion Products	: Toxic gases such as CO will be generated during combustion.
Fire Fighting Measures	: Transfer a container to a safe place immediately. If unable to move the container, cool it and the surroundings down by sprinkling water thereto. Fire should be extinguished with the dedicated extinguishant.
Special Protective Equipment and Precautions for Firefighters	: Wear full fire-fighting turn-out gear (full bunker gear) and respiratory protection (self-contained breathing apparatus).

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	: Evacuate persons at the lee. Do not allow persons to enter into an area where leakage is occurring by means of extending ropes around the leaked place. Remove possible sources of ignition presenting nearby, immediately. For fighting a fire, be sure to wear appropriate protectors. Should work from the windward. When the product has leaked into an interior, ventilate well the room until the leaked had been cleaned completely. Collect leakage into a sealable container, and the container should be transferred to a safe place. Do not touch leaked liquid and/or broken container without wearing appropriate protectors. Make sure to ventilate a closed room prior to entering thereto.
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Methods and Materials for Containment and Cleaning Up : Leaked product should be blocked with sand and soil, and lead the stream of the leakage toward a safe place. Collect spilt-over product as much as possible into a sealable container. Recover spilled portion of product, and wash out the spoiled floor with sufficient water using dispersing agent such as neutral detergent.

7. Handling and Storage

Precautions for Safe Handling : Keep fire away from the workplace where product is handled. Exhaust ventilation system for the workplace should be operated properly. Put on appropriate protective wears and implements so as not to inhale chemicals and cause contact with eyes, skin and/or clothing. Close container tightly every time after use. Prevent diffusion of volatile as much as possible, so that the concentration of volatile in a working environment can be less than the concentration to be controlled. Avoid product from touching with any of the dangerous substances classified to first and sixth groups according to Fire Service Act and any of high pressure gases. Wash hands and gargle thoroughly after handling. Make sure not to handle product without completing to read and understanding the safety precaution. Be sure to ground apparatuses, equipments, etc. for securing to prevent generation of static electricity. Take measures such as wearing electroconductive working clothes, electroconductive working shoes, and so on.

Conditions for Safe Storage, including any Incompatibilities : Containers should be tightly closed, made distinguishable from the others, and stored in a dark, cool well-ventilated place. Keep away from heat source, such as boilers, and combustible materials. Never store in the same place where oxidizer and organic peroxides are stored. This product must be stored in a warehouse specially used for dangerous chemicals conforming to Fire Service Act. Product must be stored in an original container or drum. Store product under lock and key.

8. Exposure Controls / Personal Protection

Exposure Limit Values : ACGIH, OSHA, and NIOSH have not developed exposure limits for

any of this product.

Exposure Controls**Occupational Exposure Controls**

- Appropriate : For indoor operations, make sure to seal up the source of leakage, or
Engineering Controls install a ventilation system for workplace as a whole. Upon necessity,
install on-the-spot ventilation.

Individual Protection Measures, such as Personal Protective Equipment

- Respiratory Protection : A respirator against toxic gas must be used. A cartridge used for a
respirator must be renewed either regularly or appropriately
corresponding to breakthrough time of use.



- Glove : Wear appropriate chemical resistant gloves.

Recommendations

- Eye /Face : A chemical goggles and face shield must be used.
Protection



- Skin Protection : A protective clothes and/or protective boots must be used.

**Environmental Exposure Controls**

- : Not available

9. Physical and Chemical Properties

Appearance	- Physical State	: Liquid
	- Color	: Clear
Odor		: Slightly
pH		: Not Applicable
Boiling Point / Boiling Range		: 304°C

Melting Point / Melting Range	: Not available
Decomposition Temperature	: Not available
Flash Point	: 166°C
Auto ignition temperature	: Not available
Flammability (Solid, Gas)	: Not available
Explosive Properties	: Not available
Oxidizing Properties	: Not available
Vapor Pressure	: <1.3Pa (<0.01mmHg, 20°C)
Relative Density	: 1.008 (20°C)
Solubility	: Not available
Water Solubility	: Completely dissolved
Partition Coefficient (n-octanol / Water)	: Not available
Viscosity	: 13.9mm ² /s(20°C)
Vapor Density	: 8.6 (Air=1)
Evaporation Rate	: <1 (Butyl acetate=100)
VOC	: Not available

10. Stability and Reactivity

Conditions to Avoid	: High temperature, flame, spark and ignition source.
Stability	: Stable under normal handling conditions.
Materials to Avoid	: Strong oxidants, oxidizing substance, organic oxide.
Hazardous Reactions / Decomposition Products	: Toxic gases such as CO will be generated during combustion.

11. Toxicological Information

Acute Toxicity	: Not available
Eye Irritation	: Tetraethylene glycol monobutyl ether Category 2
Skin Irritation	: Not available
Sensitization	: Not available
Repeated Dose Toxicity	: Not available
Chronic Toxicity	: Not available
Mutagenicity	: Not available
Carcinogenicity	: Not available
Reproductive and Developmental Toxicity	

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Others : Not available
: Not available

12. Ecological Information

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.

Ecotoxicity : Not available
Mobility : Not available
Persistence and : Not available
Degradability
Bioaccumulative : Not available
Potential
Other Adverse Effects : Not available

13. Disposal Considerations

: Comply with all USA, national and local regulations.

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

14. Transport Information

Check a thing without a leak in a container.

Perform prevention of collapse of cargo surely.

Sea Transport (IMDG)

Class : Not Applicable
Packing Group (PG) : Not Applicable
UN Number : Not Applicable
Proper Shipping Name : Not Applicable
Marine Pollutant : Not Applicable

Air Transport (ICAO/IATA)

Class : Not Applicable

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Packing Group(PG) : Not Applicable
UN Number : Not Applicable
Proper Shipping Name : Not Applicable

15. Regulatory Information

OSHA Status : This product is hazardous under 29 CFR 1910. 1200.
TSCA Status : Present (ACTIVE)
CERCLA : Not Applicable
Reportable
Quantity
(40 CFR 302)
SARA TitleIII
Section 302 : Not Applicable
(40 CFR 355)
Section 311/312 : Serious Eye Damage / Irritation : Category 2
(40 CFR 370)
Section 313 : Not Applicable
(40 CFR 372)
California : Not regulated
Proposition 65
Others : Please refer to any other federal, state and local regulations.

16. Other Information

References

- 1) National Institute of Technology and Evaluation
- 2) European Chemicals Agency
- 3) Raw material SDS
- 4) LOLI database

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

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(SPC-0919)

SDS No. 037-O127256

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