



SAFETY DATA SHEET

2022-9-15

May be used to comply with the
OSHA's Hazard Communication Standard,
29 CFR 1910. 1200.
Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : OP 801 **MELTZ, *PEN*** (Gradating Liquid)

Manufacturer : HOLBEIN Works, Ltd.
Address : 2-2-5, Ueshio, Chuo-ku, Osaka-shi
OSAKA 542-0064 JAPAN

Telephone Number for information : 81-6-6191-7722
Emergency Telephone Number : 81-72-985-1222 (HOLBEIN Labo, Ltd.)
Preparer : ALAKI, Yutaka

§ 2 - HAZARD IDENTIFICATION

This product is water-based and not classified as dangerous for supply or conveyance.

Classification : Non-regulated
Danger : Does not show flammability under product usage and does not support continued combustion.

Hazard information : Especially none
Acute toxicity : Out of category (not in the form of swallowing or inhalation).
The content liquid itself belongs to category 5 (possibly harmful by swallowing).

Skin Irritation : Category 3/Light. Long time or repeated contact may irritate to skin and may cause inflammation.

Eye Effects : Out of category (not in an effective form, unless too close).
The content liquid itself belongs to category 2B (mild eye irritation).

Labeling Symbol : Not required because of out of category

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Mixture (* : Main ingredient)

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Solvent	Glycol Ether *	Registered
pH agent	Dimethylaminoethanol *	108-01-0
Surfactant	Fatty acid, alcoholic amide	Registered
Preservative	Benzisothiazol (BIT)	2634-33-5
Water *		7732-18-5

§ 4 - FIRST AID MEASURES

Eyes : In the product form, the liquid of Meltz pen does not affect eyes. If contact, hold eyelids apart and flush with water for at least 5 minutes; consult physician if irritation continues.

Ingestion : In the product form, does not been swallowed. If swallowed, drink plenty of water and induce vomiting.

Skin Contact : Wash with mild soap and water.

Inhalation : This product does not been inhaled.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : Not flammable, water-based product
Flash Point : —

Extinguishing Method, Extinguishing Media : N/A

§ 6 - ACCIDENTAL RELEASE MEASURES

Wipe off.

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing : Avoid prolonged or repeated contact with skin and eyes.

Handling Procedures/Equipment : Especially none

Storage Requirements : Especially none

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Colorless liquid (contented product)

Odor : Own smell

Specific Gravity (H₂O = 1) : ca 1.0

Boiling Point : ca 100 °C

Solubility in Water : ∞

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Nonflammable

Stability : Stable under normal state

Reactivity : None

§ 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Dermal, eye contact

Oral Toxicity (LD₅₀) : 350,000 mg/kg (equivalent by component)

Inhalation : This product does not been inhaled.

Skin irritation : Irritant to the skin mucous membrane. Long time or repeated contact may irritate to skin and may cause inflammation.

Eye irritation : Irritant to the eye mucous membrane

Carcinogenicity, Sensitization, Mutagenicity, Teratogenicity, Reproductive Toxicity : No data available

§ 12 - ECOLOGICAL INFORMATION

No suitable information

§ 13 - DISPOSAL CONSIDERATIONS

Treat as non-combustible waste in the same way as household waste. If possible, it is preferable to separate the content liquid.

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name : N/A

UN Number : N/A
UN Hazard Class : Non-regulated
Package Group : N/A

§ 15 - REGULATORY INFORMATION

Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236.

§ 16 - OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.