



SAFETY DATA SHEET

2017-6-28

May be used to comply with
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 850 **MELTZ** (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 : 81-72-985-1221
Preparer : ALAKI, Yutaka

§ 2 - HAZARD IDENTIFICATION

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

Classification : Non-regulated
Danger : Nonflammable
Hazard information : Especially none
Acute toxicity : Category 5 / Relatively low
Skin Irritation : Category 3 / Light
Eye Effects : Category 2B / Causes 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	Dimethoxy Dipropylene Glycol *	111109-77-4
pH agent	Dimethylaminoethanol	108-01-0
Surfactant	Fattyacid, diethanolamide	Registered
Surfactant	Polyoxyethylene Derivative	Registered
Preservative	Benzisothiazol	2634-33-5
Water *		7732-18-5

§ 4 - FIRST AID MEASURES

Eyes : Hold eyelids apart and flush with water for at least 5 minutes; consult physician if irritation continues.
Ingestion : In case of swallowing, drink plenty of water and induce vomiting. Seek medical attention according to amount of product ingested.
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

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, inhalation, swallowing, Ingestion

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

Pour in a bag filled with rags or paper. After dried, treat as flammable waste.

§ 14 - TRANSPORT INFORMATION

Hazard Class : Non-regulated

UN Number : N/A

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.