



SAFETY DATA SHEET

U.S. Department of Labor
May be used to comply with Occupational Safety and Health Administration OSHA's Hazard Communication Standard, (Non-Mandatory Form) 29 CFR 1910.1200.
Standard must be Form Approved consulted for specific requirements. OMB No. 1218-0072

Section 1 - IDENTITY INFORMATION

Product Name	W 471 GUM ARABIC MEDIUM
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
Date Prepared	2015-4-1
Preparer	ALAKI, Yutaka

Section 2- HAZARD IDENTIFICATION

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

GHS Classification :	Non-regulated
Danger :	Not nonflammable, not explosive
Hazard information :	Especially none
Ecological consideration :	Especially none

Section 3- COMPOSITION / INGREDIENTS

Components	(Specific Chemical Identity, Common Name(s))	
Aqueous Gum	(Gum Arabic)	CAS No.9000-01-5
Moisturizer	(Glycerin)	CAS No.56-81-5
Preservative	(Benzisothiazol)	CAS No.2634-33-5
Water		CAS No.7732-18-5

Section 4- FIRST AID MEASURES

Eyes :	In case of eye contact, promptly wash eyes with plenty of water while lifting the eye lids, and consult an eye specialist.
Ingestion :	Rinse mouth thoroughly. Drink plenty of water. Seek medical attention according to amount of product ingested.
Skin Contact :	Wash with plenty of water, soap or other non-irritating cleansing agents.
Inhalation :	This product is not inhaled.

Section 5- FIRE AND EXPLOSION HAZARD DATA

Flammability :	Not flammable, water-based product
Flash Point :	N/A
Autoignition Temp.:	N/A
Combustion Products :	Carbon monoxide, dioxide and ash
Unusual Fire and Explosion Hazards :	Material will not support combustion unless the water has evaporated.

Section 6- ACCIDENTAL RELEASE MEASURES

Wipe off.

Section 7- HANDLING AND STORAGE

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

Storage Requirements :	Store below 50C. degrees.
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Handling Procedures/Equipment : Use soap and water for clean-up.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

Personal Protection : Especially none

Section 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : Pale brown viscous liquid
Odor : Own smell
Specific Gravity (H₂O = 1) : 1.19
Melting Point : -
Boiling Point : -
pH : 6-7
Solubility in Water : ∞

Section 10 - HAZARD INFORMATION AND STABILITY

Stability : Stable under normal state
Reactivity : None
Incompatibility (Materials to Avoid) : Strong bases
Hazardous Decomposition : No thermal decomposition when stored and handled correctly.
Corrosive Behavior : No

Section 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry : Swallowing, Ingestion
Oral Toxicity (LD₅₀) : None known
Effects of Acute Exposure : None known
Effects of Chronic Exposure : None known
Skin irritation : None
Eye irritation : Usually non irritant

Carcinogenicity : No data available.
Sensitization : Not expected
Mutagenicity : N/A
Teratogenicity : None known

Section 12 - ECOLOGICAL INFORMATION

No suitable information

Section 13- DISPOSAL CONSIDERATIONS

Disposal Considerations : Can be disposed of household waste.

Section 14- TRANSPORT INFORMATION

Hazard Class : Non-regulated
UN number : N/A

Section 15- REGULATORY INFORMATION

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236.
Fire Service Law : N/A
Pollutant Release and Transfer Register : N/A

Section 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.