Material 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 - IDENTIFY INFORMATION
Product Name: W 461 Gum Arabic Medium
Manufacturer: HOLBEIN Works, Ltd.
Address: 1-3-20, Kamikosaka, Higashi-osaka-shi, OSAKA 577-0806 JAPAN
Telephone Number for Information: 81-6-6723-1555
Emergency Telephone Number: 81-72-985-1223
Date Prepared: 2009-12-16
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.
Handling Procedures/Equipment: Use soap and water for clean-up.
Section 8 - EXPOSURE CONTROLS / 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.