



SAFETY DATA SHEET

2023-10-12

May be used to comply with U.S. Department of Labor
 OSHA's Hazard Communication Standard, Occupational Safety and Health Administration
 29 CFR 1910. 1200. (Non-Mandatory Form)
 Standard must be consulted for specific requirements. OMB No.1218-0072

§ 1 - IDENTITY INFORMATION

Product Name (as used on label and list) : **BEESWAX** (Ref. No. PG 501, PG 551)
 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

Classification : Not been classified as dangerous.
 GHS label elements : Void
 Danger : May be combustible at high temperature.
 Potential Acute Health Effects : Especially none
 Potential Chronic Health Effects : Not known to aggravate medical condition.

Beeswax may use for food manufacturing

§ 3 - COMPOSITION / INGREDIENTS

Substance/Mixture : Single substance (as natural wax)

Components	(Specific Chemical Identity, Common Name(s), C.I. No)	CAS. No.
Beeswax	(Myricyl palmitate *)	8012-89-3

* : main ingredient

§ 4 - FIRST AID MEASURES

General advice : No hazards which require special first aid measures.
 Eyes : In case of eye contact, rinse with plenty of water. Consult an eye specialist if necessary.
 Ingestion : Induce vomiting. Rinse mouth with water. Immediately call medical advice if throat got clogged.
 Skin Contact : Wash with mild soap and water. Get medical attention if irritation develops. After contact with the molten product, cool rapidly with cold water.
 Inhalation : Beeswax does not been inhaled in normal state. Upon inhalation of vapor, take the person to fresh air and ask for medical doctor.

§ 5 - FIRE AND EXPLOSION HAZARD DATA

Flammability : May be combustible at high temperature.
 Flash Point : 243 °C
 Auto-ignition Point : No Data Available
 Combustion Products : Carbon oxide

Extinguishing Method : Take off fire or other flammable materials, and use with extinguishing tools.
 Extinguishing Media : Dry powder (small fire), Water spray, fog or foam. (Large spray. Do not use water jet)
 Special Remarks on Fire Hazards : Not available.

§ 6 - ACCIDENTAL RELEASE MEASURES

On solid state, use appropriate tools to put the spilled solids in a convenient waste disposal container.
 On melted state, hot liquid, use kitty litter, sand or other absorbent to control spread and absorb liquid, and then sweep off.

Environmental Precautions : No special precautions required.

§ 7 - HANDLING AND STORAGE

Precautions to Be Taken in Handling : Avoid coming into contact melted wax with skin and eyes.
 Vapor from melted wax may make some person feel bad.
 Precautions to Be Taken in Storing : Do not allow temperature to rise.

§ 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none
 Personal Protection : Avoid inhaling vapor from melted wax.
 Use protective equipment, goggle, mask and/or glove, if necessary.
 Administrative Levels : Not been defined.
 Threshold Limit Value : No data available
 Tolerance Concentration : No data available

§ 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance : White, or slightly yellow, tablet
 Volatile : None
 Odor : Honeylike
 Specific Gravity (H₂O = 1) : 0.95~0.97
 Melting Point : 60~67 °C
 Boiling Point : -
 Vapor Density (Air = 1) : -
 Vapor Pressure (Butyl Acetate = 1) : -
 Evaporation Rate : -
 pH : -
 Solubility in Water : Not soluble

§ 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers : Flammable at high temperature
 Stability : Stable under normal state
 Reactivity : None
 Incompatibility (Materials to Avoid) : None
 Corrosive Behavior : No

§ 11 - TOXICOLOGICAL INFORMATION

Beeswax is food additive, and doesn't have particular toxicity.

Primary Routes of Entry : Dermal, eye contact, swallowing, Ingestion, inhalation (vapor under melted state)
 Oral Toxicity (LD₅₀) : > 5,000 mg/kg (Rat)
 Inhalation : Beeswax does not been inhaled in normal state..
 Effects of Chronic Exposure : None known

Skin irritation : Not known to aggravate medical condition.
Eye irritation : Usually non irritant
Carcinogenicity : No data available
Sensitization, Mutagenicity : Not expected
Teratogenicity, Reproductive Toxicity : No data available
Another Information : Beeswax may use for food manufacturing

§ 12 - ECOLOGICAL INFORMATION

No suitable information and no specific data are available.

§ 13 - DISPOSAL CONSIDERATIONS

No suitable information is available.
Suitable for processing at an appropriate government waste disposal facility.

§ 14 - TRANSPORT INFORMATION

UN Proper Shipping Name : Not dangerous goods
Identification : N/A
UN-number : N/A
Transport Hazard Class : N/A

§ 15 - REGULATORY INFORMATION

Industrial Safety and Health Law : N/A
Fire Service Law : Specified combustibles

Conforms to ACMI under ASTM D 4236, and is classified into AP genre of ACMI system.

ACMI : The Art & Creative Materials Institute, Inc.
ASTM : ASTM International (Former "American Society for Testing and Materials")
AP : Approved Product : Contain no materials in sufficient quantities to be toxic or injurious to humans.

§ 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.