

Section 1 Identification

Product identifiers

Product name: Beeswax

Relevant identified uses

Identified uses: Pharmaceutical/Cosmetic/Personal Care

Details of the supplier of the safety data sheet

Freeman Manufacturing and Supply Company

1101 Moore Road, Avon, OH 44011

Phone (440) 934-1902

FAX (440) 934-7200

24 Hour Emergency Phone Number: CHEMTREC - (800) 424-9300

HMIS	
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Section 2 Hazards Identification

GHS Classification

Not a hazardous substance

GHS Label

Symbols: Not applicable

Hazard Statements: None

Precautionary Statements: Contact with molten wax may cause thermal burns

Special remark on fire hazard: Material in powder form capable of creating a dust explosion

Section 3 Composition/Information on Ingredients

Component	CAS Number	Weight %
Beeswax	8006-40-4 (yellow)	100

Impurities/Additives: None

Section 4 First Aid Measures

Eye Contact

Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin Contact

For contact with molten material, leave material on skin and flush or immerse affected area(s), using cold water. Seek Medical Attention.

Inhalation

If respiratory symptoms develop from exposure to fumes emitted by the molten material, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion

Solid material is not acutely toxic; however, if molten material is swallowed, seek immediate medical attention.

Section 5 Fire-Fighting Measures

Extinguishing media

Use dry chemical, foam, sand, water fog

Special hazards arising from the substance or mixture

This material may burn, but will not readily ignite

Advice for firefighters

Wear proper protective equipment and positive pressure self-contained breathing apparatus.

Section 6 Accidental Release Measures

Isolate area and keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Wear appropriate protective equipment. Prevent spilled material from entering sewers, storm drains, other unauthorized treatment drainage systems, and natural waterways. Cleanup molten wax under supervision is advised.

Section 7 Handling and Storage

Precautions for safe handling

Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.

Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles such as strong oxidizers. Store at ambient or lower temperature.

Store out of direct sunlight. Protect against physical damage.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

None

Personal protective equipment

Skin Protection

When handling in molten form, proper resistant clothing, gloves, and shoes must be worn.

Eye Protection

When handling in molten form, proper eye shields are worn to prevent injury

Respiratory Protection

No special precautions for normal use

Section 9 Physical and Chemical Properties

Appearance:	Yellow solid
Odor:	Slight, characteristic
Odor Threshold:	No data available
pH:	No data available
Melting Point:	62 - 65°C
Initial Boiling Point:	Not applicable
Evaporation Rate:	Not applicable
Flash Point:	400°C (closed cup)

Section 9 Physical and Chemical Properties continued

Flammability:	Not flammable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Specific Gravity:	0.96 g/ml at 20°C
Solubility:	Insoluble in water. Soluble in organic solvents when warmed
Partition Coefficient:	Not determined
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Volatility:	Not applicable
Viscosity:	8 - 12 cSt at 100°C

Section 10 Stability and Reactivity

Reactivity: This material is stable and unlikely to react in a hazardous manner under normal conditions of use.

Chemical Stability: Stable under normal conditions. Avoid strong oxidizing agents.

Hazardous Reactions: Avoid strong oxidizing agents.

Decomposition Products: Thermal decomposition can produce a variety of products which may include oxides of carbon and nitrogen.

Section 11 Toxicological Information

Signs and Symptoms of Overexposure

Nasal and throat irritation.

Acute Effects

Eye Contact: Not expected to be an eye irritant

Skin Contact: No harmful effects from skin adsorption.

Inhalation: Vapors emitted from molten wax are expected to have slight degree of irritation

Ingestion: No harmful effects are expected.

Acute Toxicity Values

CIR Review of Natural Waxes published in 2005. FDA: GRAS (Generally Recognized As Safe)
Title 21 CFR 184.1973

Section 12 Ecological Information

Toxicity	No data available
Persistence and degradability	Readily biodegradable
Bioaccumulative potential	Not expected
Mobility in soil	No data available
Results of PBT & vPvB assessment	Not required of this substance

Section 13 Disposal Considerations

Not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with all applicable Local, State and Federal regulations.

Section 14 Transport Information

DOT: Not regulated
TDG: Not regulated
IMDG: Not regulated
IATA: Not regulated

Section 15 Regulatory Information

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Clean Water Act (CWA): Not hazardous.

Clean Air Act (CAA): Not Hazardous

Superfund Amendments and Reauthorization Act (SARA) Title III Information: This product contains no toxic chemicals subject to reporting requirements of SARA Section 313 (40 CFR 372)

State Regulations

California: This product contains no chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

International Regulations

Canadian Environmental Protection Act: All of the components of this product are included on the Canadian Domestic Substances list (DSL).

Canadian Workplace Hazardous Materials Information System (WHMIS): This product has not been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification: None **EU Risk (R) and Safety (S) Phrases:** None

Section 16 Other Information

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