

Section 1 Identification

Product identifiers

Product name: Wax Paraffin 150°F

Relevant identified uses

Identified uses: Wax

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

HMIS

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

Section 2 Hazards Identification

Classification

Not a hazardous substance according to 29 CFR 1910.1200

Label Elements

Pictogram: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

Hazards not otherwise classified

When heated the vapors/fumes given off may cause respiratory tract irritation.

Contact with hot material may cause thermal burns.

Section 3 Composition/Information on Ingredients

Component	CAS Number	Weight %
Paraffin wax	8002-74-2	100

No hazardous substances or complex substances required for disclosure

Section 4 First Aid Measures

Eye Contact

Exposure to fumes, vapors or smoke of overheated product can result in eye irritation.

Direct contact with molten material will cause injury and burns. If irritation occurs, 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 medical attention if irritation persists.

Skin Contact

For contact with molten material, leave material on skin and flush or immerse affected area(s), using cold water. Seek medical attention for the removal of the adhering material and treatment of the burn.

Inhalation

If fumes from overheated product are inhaled, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

Ingestion

Solid material is not acutely toxic. Seek medical attention if discomfort occurs.

Section 5 Fire-Fighting Measures

Extinguishing media

Use dry chemical, foam, sand, water fog, carbon dioxide

Unsuitable extinguishing media

Do not use water jet as an extinguisher as it may spread the fire.

Special hazards arising from the substance or mixture

This material may burn, but will not readily ignite. During a fire, gases hazardous to health may be formed.

Hazardous combustion products

Oxides of carbon, Wax fumes, Smoke, Fume, Aldehydes, Incomplete combustion products

Advice for firefighters

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

Section 6 Accidental Release Measures

Protective measures

See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

Spill management

Land Spill: Allow spilled material to solidify and scrape up with shovels into a suitable container for recycle or disposal.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Skim from surface and shovel into a suitable container for recycle or disposal.

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. Do not breath fumes/vapors. Avoid contact with molten material. Avoid heating above 100°C (212°F) unless in a well-ventilated area.

Conditions for safe storage

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. When kept in a molten state, inert gas blanketing may be used to avoid material degradation.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Material	CAS Number	Type	Value	Form
Paraffin wax	8002-74-2	TWA	2 mg/m ³	Fume

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash station.

Section 8 Exposure Controls/Personal Protection**Personal protective equipment****Skin Protection**

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

Eye Protection

Wear approved safety glasses. When handling in molten form, wear a face shield to prevent injury

Respiratory Protection

No special precautions for normal use. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.

Specific Hygiene Measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Section 9 Physical and Chemical Properties

Appearance:	White solid at room temperature
Odor:	Mild petroleum
Odor Threshold:	None
pH:	None
Freezing Point	Not determined
Melting Point:	55-75°C (132-168°F)
Boiling Point:	>316°C (>601°F) [Estimated]
Evaporation Rate:	<0.01 (Butyl acetate = 1)
Flash Point:	>175°C (>347°F) [ASTM D-92]
Flammable Limits:	LEL: 0.9%, UEL: 7%
Flammability (Solid, Gas)	Will support flame above flash point
Vapor Pressure:	<0.01 mmHg at 25°C (77°F)
Vapor Density:	>5 (Air = 1)
Relative Density (at 15°C):	0.83 -0.93
Solubility in Water:	Negligible
Partition Coefficient (oil/water):	<0.01
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Percent Volatile	Negligible
Viscosity:	Solid at room temperature

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.

Hazardous Reactions: No dangerous reactions known under conditions of normal use.
Hazardous polymerization does not occur.

Incompatible Materials: Avoid strong oxidizing agents.

Section 10 Stability and Reactivity

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

Section 11 Toxicological Information

Information on Toxicological Effects

Acute Toxicity	Not expected to be acutely toxic
Skim Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory Sensitization	Not classified
Skin Sensitization	Not expected to cause skin sensitization
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not listed by OSHA, IARC, or NTP
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	Not likely due to form
Chronic Effects	Not expected to be hazardous by OSHA criteria

Further Information

Exposure to vapors, fumes, or smoke from overheated material handled in confined areas can produce irritation of respiratory tracts, and possible physical discomfort to sensitive individuals. In rats, chronic ingestion of paraffins has shown accumulation in the liver and spleen with associated nonspecific immune response.

Section 12 Ecological Information

Ecotoxicity	Not classified as environmentally hazardous
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	This product is insoluble in water
Results of PBT & vPvB assessment	No data available

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**Chemical Inventory**

United States: The ingredients of this product are on or in compliance with TSCA inventory.

Canada: The ingredients of this product are on or in compliance with DSL.

Australia: The ingredients of this product are on or in compliance with the Industrial Chemical (Notification and Assessment) Act

Japan: The ingredients of this product are on or in compliance with the Kashin-Hou Law List

Korea: The ingredients of this product are on or in compliance with the Toxic Chemical Control Law (TCCL) List

Philippines: The ingredients of this product are on or in compliance with the Toxic Substances and Hazardous and Nuclear waste Control Act

China: The ingredients of this product are on or in compliance with the Inventory Of Existing Chemical Substances.

New Zealand: The ingredients of this product are on or in compliance with the Inventory Of Chemicals (NZIoC) as published by ERMA New Zealand.

U.S. Federal Regulations

EPCRA Section 302: This material contains no extremely hazardous substances.

SARA 311 & 312: None

SARA 313 Toxic Release Inventory: This material contains no chemicals subject to the supplier notification requirements.

State Regulations

California Proposition 65: This product contains no chemicals(s) known to the State of California to cause cancer, birth defects or reproductive harm.

International Regulations

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 SDS contains all the information required by the Controlled Products Regulations.

European Classification: Does not contain reportable REACH SVHC. I compliance with 1272/2008/EC, 2011/65/EC (RoHS), 2012/19/EU (WEEE).
These polymers are not hazardous according to EC Directives.

Section 16 Other Information**Disclaimer**

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