



Fisher Science Education
6771 Silver Crest Road, Nazareth, PA 18064 (800) 955-1177
Emergency Number: (800) 255-3924

Material Safety Data Sheet

Section 1 – Chemical Product and Company Identification

Catalog Numbers: S25646
Product Identity: Paraffin Wax

Chemical Family: Not Applicable
Synonyms: No information available
Recommended Use: Laboratory chemicals

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331
Emergency Contact Number (24hr): Chemtel (800) 255-3924

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Section 2 – Hazard Identification

Emergency Overview

May cause eye, skin, respiratory system irritation. Combustible solid. Wax does not always smoke before it ignites. If melting wax use a thermometer

Appearance: White translucent **Odor:** Odorless

Target Organs: None known

Potential Health Effects/ Routes of Exposure:

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause irritation

Inhalation: May cause irritation to the respiratory tract

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Aggravated Medical Conditions No information available

These chemicals are not considered hazardous by OSHA.

See section 11 for toxicological information. See section 12 for potential environmental effects.

Section 3 –Composition, Information on Ingredients

Paraffin Wax, CAS# 8002-74-2

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Notes to Physician Treat symptomatically.

Section 5 – Fire Fighting Measures

Flash Point: Not Applicable **Autoignition Temperature** Not Applicable

Explosion Limits Upper Not Applicable **Lower** Not Applicable
Extinguishing Media: Use water spray, dry chemical, alcohol-resistant foam, or carbon dioxide
Unsuitable Extinguishing Media: No information available
Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.
Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.
Hazardous Combustion Products: No information Available
Sensitivity to mechanical impact No information available.
Sensitivity to static discharge No information available.
Specific Hazards Arising from the Chemical: Wax does not always smoke before it ignites.
NFPA Rating: (estimated) Health: 1; Flammable: 1; Reactivity: 0

Section 6 – Accidental Release Measures

Personal Precautions Use proper personal protective equipment. Avoid contact with skin, eyes and clothing.
Environmental Precautions No information available
Methods for Containment and Clean Up Absorb and containerize for disposal. Avoid generating dust. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.
Storage: Protect from freezing and physical damage. Store in a cool, dry, well-ventilated area.

Section 8 – Exposure Controls, Personal Protection

Paraffin Wax, CAS# 8002-74-2, ACGIH TLV: NA, OSHA PEL: NA
Engineering Measures/ General Hygiene: Ensure adequate ventilation. Ensure eyewash and safety showers are available.
Personal Protection Equipment: Skin Protection: Chemical resistant gloves.
Eye/Face Protection: Safety Glasses or goggles. **Respiratory Protection:** Chemical fume hood is recommended. Always wear a NIOSH-approved respirator with proper cartridges or a positive pressure, air-supplied respirator when handling this material in emergency situations.

Section 9 – Physical and Chemical Properties

Appearance/Physical State: White translucent solid
Odor: Odorless **% Volatility:** No Information Available
Boiling Point: > autoignition temperature **Specific Gravity:** 0.880-0.915
Melting Point: 50-57 C **Vapor Pressure:** Not available
Vapor Density: Not available **Flash Point:** Not Applicable
Evaporation Rate: Not available **Coefficient of water/oil distribution:** Not Available
pH: Not available **Odor Threshold:** Not Available
Flammability: No Information Available **Decomposition Temperature:** Not available
Solubility: Insoluble **Partition Coefficient n-octanol/water:** No data
available
Relative Density: No Information Available **Molecular Weight:** Not available

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions and use.
Conditions to Avoid: Excess heat, and conditions which cause the wax to catch on fire.
Incompatible Materials: No information available
Hazardous Decomposition Products: No information available
Hazardous Polymerization: Does not occur
Hazardous Reactions: None under normal processing.

Section 11 – Toxicological Information

Routes of Exposure/Symptoms/Corrosiveness – See Section 2

LD50 orl-rat: 5000mg/kg

LC50 inhalation-rat: 42 g/m3/1h

Irritation: No Information Available

Toxicologically Synergistic: No Information Available

Chronic Exposure

Carcinogenicity There are no known carcinogenic chemicals in this product

Sensitization No information available.

Mutagenic Effects No information available.

Reproductive Effects No Information available.

Developmental Effects (Immediate/Delayed) No information available.

Teratogenicity No information available.

Other Adverse Effects No information available.

Endocrine Disruptor Information No information available

Section 12 – Ecological Information

Ecotoxicity: No information available

Persistence and Degradability: No Information Available

Mobility: No information available

Bioaccumulation/ Accumulation: No Information Available

Section 13 – Disposal Considerations

Waste Disposal/Waste Disposal of Packaging: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14 – Transport Information

DOT – Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

Canada DSL: These chemicals are on Canada's DSL list.

TSCA: The components of this are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: Not Applicable

WHMIS: Not controlled

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16 – Additional Information

Disclaimer: The information on this MSDS applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to determine the suitability and completeness of this information for his own particular use. No warranty is implied regarding the accuracy of the data or the results to be obtained from the products use.