

Wonder Wax® Enhanced Paraffin

1. Identification

Product Name: Wonder Wax® Enhanced Paraffin

Item #: MER HWWE

Web SDS: S85

Synonyms: No information available

Recommended Use: Laboratory chemicals.

Restrictions on Use: No Information available

Manufacturer:

Distributor:

In Case of Emergency:

BBC Biochemical

Mercedes Scientific

Chemtrec US 1-800-424-9300

409 Eleanor Lane,

12210 Rangeland Pkwy

Chemtrec International 703-527-3887

Mount Vernon, WA 98273

Lakewood Ranch, FL 34211

1-800-635-4477

1-800-331-2716

2. Hazards Identification

OSHA Hazard Classification(s):

Specific Target Organ Toxicity (single exposure) - Category 3

Specific Target Organ Toxicity (repeated exposure) - Category 2

Signal Word: Warning

Hazard Statement(s): May cause respiratory irritation May cause damage to organs (kidney) through prolonged or repeated exposure

Pictogram(s):



Precautionary Statement(s):

Prevention: Do not breathe dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area

Response: Get medical attention/advice if you feel unwell

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell

Storage: Store in a well-ventilated place. Keep container tightly closed Store locked up

Disposal: Dispose of contents/container to an approved waste disposal plant

Descriptions of Hazards not otherwise classified: Toxic to aquatic life with long lasting effects

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
Paraffin waxes and Hydrocarbon waxes		8002-74-2	75-80
2, 6-Di-tert-butyl-p-cresol		128-37-0	10-12
Polyisobutylene		9003-27-4	1-2
Benzene ethenylmethyl-,polymer	With (1-methylethenyl)benzene	9017-27-0	3-5
Microcrystalline wax		63231-60-7	3-5

4. First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes.

Inhalation: Move to fresh air.

Ingestion: Do not induce vomiting.

Wonder Wax® Enhanced Paraffin

Symptoms: No information available.

Recommendations for immediate medical care/special treatment: Treat symptomatically

5. Fire- Fighting Measures

Extinguishing Media: Water spray. Carbon dioxide (CO₂). Water.

Fire Hazards (Chemical): Flash Point 204.4 °C / 399.9 °F

Special Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Precautions for Firefighters: Keep product and empty container away from heat and sources of ignition.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: Ensure adequate ventilation.

Environmental Precautions: See Section 12 for additional ecological information. Avoid release to the environment. Collect spillage.

Containment and Clean-Up Procedures: Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and Storage

Handling: Ensure adequate ventilation.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection**OSHA Permissible Exposure Limits (PELs):**

Reagent	CAS #	OSHA PEL TWA
Paraffin waxes and Hydrocarbon waxes	8002-74-2	(Vacated) TWA: 2 mg/m ³
2,6-Di-tert-butyl-p-cresol	128-37-0	(Vacated) TWA: 10 mg/m ³

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
Paraffin waxes and Hydrocarbon waxes	8002-74-2	TWA: 2 mg/m ³	N/A
2,6-Di-tert-butyl-p-cresol	128-37-0	TWA: 2 mg/m ³	N/A

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures:

Eye/face Protection Wear: appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: White, Solid

Wonder Wax® Enhanced Paraffin

Molecular Weight: N/A
Molecular Formula: N/A
pH: N/A
Boiling Point and Boiling Range: 315.5 °C / 599.9 °F
Melting Point/Freezing Point: 50-54 °C 122-129.2 °F
Flash Point: 204.4 °C / 399.9 °F
Specific Gravity/Relative Density: N/A
Odor: Slight
Odor Threshold: N/A
Color: White
Flammability (solid/gas): N/A
Vapor Density: N/A
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Evaporation Rate: N/A
Partition Coefficient: n-octanol/water: N/A
Viscosity: N/A
Auto-ignition temperature: N/A
Solubility: N/A
Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity: None known, based on information available
Chemical Stability: Stable
Conditions of Stability/Instability: Stable under normal conditions.
Stabilizers needed: N/A
Safety issue indicated by appearance change: N/A
Other: N/A
Hazardous Reactions: None under normal processing.
Hazardous Polymerization: Hazardous polymerization does not occur.
Conditions to avoid: Incompatible products.
Classes of Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: None under normal use conditions

11. Toxicological Information

Likely Routes of Exposure

Eyes: Irritation.
Skin: Irritation.
Inhalation: Dizziness, headache.
Ingestion: Nausea.

Signs or Symptoms of Exposure: Nausea.

Effects from short term exposure (delayed, immediate, chronic): Irritation to the eyes, nose, throat; headache, dizziness, nausea.

Acute Toxicity (Numerical Measures):

Oral LD50 : Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Dermal LD50 : Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg.
Mist LC50 : Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.

Component: 2,6-Di-tert-butyl-p-cresol

Wonder Wax® Enhanced Paraffin

LD50(oral,rat)=890mg/kg, LD50(oral,rat)=>2000mg/kg;

LD50 Dermal=not listed;

LD50 Inhalation=not listed

Carcinogenicity (NTP, IARC, OSHA): No ingredients are listed as carcinogens under IARC, NTP, ACGIH, OSHA, Mexico

12. Ecological Information

Ecotoxicity:

2,6-Di-tert-butyl-p-cresol:

Freshwater Algae: EC50=0.758 mg/L 96h ; EC50=6 mg/L 72h

Freshwater Fish: LC50=0.199mg/L 96h

Microtox: EC50=7.82 mg/L 5min ; EC50=8.57 mg/L 15min ; EC50=8.98 mg/L 30min

Water Flea: EC50>0.31mg/L 48h

Persistence and degradability: No information available

Bioaccumulation Potential (octanol-water partition coefficient, BCF): No information available

Mobility in the soil:

2,6-Di-tert-butyl-p-cresol: log Pow=4.17

Microcrystalline wax: log Pow>6

Adverse Environmental Effects: N/A

13. Disposal Considerations

Recommended Disposal Containers: 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.

Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*

Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*

Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*

Waste Stream: Consult your local or regional authorities.*

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name:

Transport Hazard Class(es):

Packing Group Number:

Environmental Hazards (IMDG code):

Marine Pollutant:

Transport in Bulk (IBC Code):

Special Transport Precautions:

15. Regulatory Information

OSHA: N/A

DOT: Not regulated

EPA: N/A

CPSC: N/A

Wonder Wax® Enhanced Paraffin

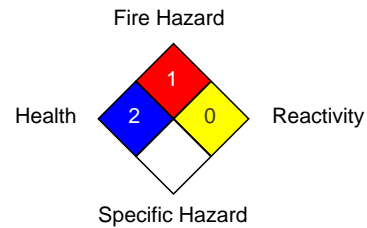
16. Other Information

Revision Date: 04/13/2015

NFPA

Health	2
Fire Hazard	1
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	2
Flammability	1
Physical Hazard	0
Personal Protection	

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.