WR Medical Electronics Co.

Safety Data Sheet

Section 1: Identification

Product Name: Therabath® Paraffin – Wintergreen
CAS Number: 8002-74-2
Product Use: Therapeutics
Manufacturer/Supplier: WR Medical Electronics Co.
Address: 1700 Gervais Avenue, Maplewood, MN 55109

General Information: 651-604-8400
Transportation Emergency Number: CHEMTREC: 800-424-9300

Section 2: Hazard(s) Identification

Health
Eyes: Direct contact of molten product to the eyes will cause thermal burns and eye injury. Exposure to fumes, vapors or smoke from thermally degraded product can cause irritation to eyes. **Ingestion:** This material is essentially inert and non-toxic. Regardless of this the material should be handled with care and not be ingested or put in mouth. **Skin:** Skin contact with molten material can cause severe burns. **Inhalation:** Exposure to vapors, fumes, or smoke from molten material handled in confined areas can produce irritation of respiratory tracts, and possible physical discomfort to sensitive individuals.

Section 3: Composition/Information on Ingredients

Component	CAS Number	Weight %	Chemical Family
Paraffin	8002-74-2	>99	Petroleum Hydrocarbon
(See Section 8 for Exposure Limits)			

Section 4: First-Aid Measures

Eyes - Exposure to fumes, vapors or smoke of over heated product can result in irritation to eyes. Direct contact of the molten material will cause eye injury and burns. When handling molten material eye shields must be worn at all times. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Administer prompt first aid measures. **Call a physician to attend to the injury.**

Skin - Exposure to fumes, vapors or smoke of thermally degraded product can result in irritation to skin. Direct contact of the molten material will cause injury and burns. For burns apply running water injured area for 15 minutes. Do not attempt to remove any material bonded to skin. **Call a physician to attend to the injury.**

Ingestion - Material is not acutely toxic by ingestion. **If material is ingested, do not induce vomiting. Call a physician.**

Inhalation - Remove individual to a well ventilated area for fresh air and **call a physician if respiratory symptoms warrant medical attention.**

Section 5: Fire-Fighting Measures

Flammability YES [X] NO [ ] **If yes, under what conditions?** Will Support a flame above flash point.

Means of extinction Use water fog, foam, dry chemical or CO2 extinguisher. Do not use direct water stream.

FIRE and EXPLOSION DATA			
Flash point (ASTM D92) > 175°C	Upper explosion limit (% by volume) 7.0%		Lower explosion limit (% by volume) 0.9%
Auto ignition temperature Not Available	TDG flammability classification Not Dangerous		Hazardous combustion products CO2, CO (See Section 10)
Sensitivity to impact Not Applicable	Rate of burning Not Applicable	Explosive power Not Applicable	Sensitivity to static discharge Not Applicable

Section 6: Accidental Release Measures

SPILLS OR LEAKS
Handle as a thermoplastic. With molten spills, allow the material to solidify and cool. Keep material out of sewers and watercourses by diking or impounding. Recover and place into appropriate containers for recycling or disposal, according to prevailing local, state and federal laws.

Section 7: Handling and Storage

When kept in molten state, inert gas blanketing may be used to avoid material degradation.
As a solid, avoid contamination by keeping in closed containers.

Section 8: Exposure Controls/Personal Protection

This material will be utilized in molten form. Proper protective splash resistant clothing, thermal gloves, splash resistant shoes, and eye shields must be worn to prevent injury. Use molten material in well ventilated areas. When working in confined areas, use of appropriate respiratory gear is recommended.

Section 9: Physical and Chemical Properties

Appearance Light Green	Odor Wintergreen	Physical state Solid @ 25°C	pH Not Applicable
Vapor pressure (mm Hg) < 0.01 @ 25°C	Vapor density (air = 1) > 5	Boiling point (IBP) > 300°C	Solubility in water (20°C) < 0.1%
Evaporation rate (Butyl acetate =1) < 0.01	Freezing point Not Applicable	Volatiles (By volume) < 1.0%	Specific gravity (25°C) 0.90-0.93
Coeff. water / oil distribution < 0.01	Melt point 121°F	Molecular weight Not Defined	Odor threshold (PPM) Not Available

Section 10: Stability and Reactivity

Chemical stability
YES [X] NO [ ]

Compatibility with other substances
YES [ ] NO [X] Strong oxidizing agents, eg., peroxides, chlorine

Hazardous decomposition products
Carbon dioxide, carbon monoxide and other products such as aldehydes and ketones depending on conditions of oxidation.

Section 11: Toxicological Information

Signs and Symptoms of Overexposure: No known cases of overexposure.

Acute Effects: See Section 2.

Eye Contact: See Section 2.

Skin Contact: See Section 2.

Inhalation: See Section 2.

Ingestion: See Section 2.

Target Organ Effects: None under normal use.

Chronic Effects: None under normal use.

Medical Conditions Aggravated by Exposure: No known cases.

Acute Toxicity Values
Oral LD_{50} = N/A
Dermal LD_{50} = N/A
Inhalation LC_{50} = N/A

Section 12: Ecological Information* (non-mandatory)

Material is not considered harmful to the environment. Nevertheless, material from spills and other generated waste must be disposed of properly in conformance with all local, state and federal laws.

Section 13: Disposal Considerations* (non-mandatory)

This material is not a RCRA hazardous waste material. Follow local regulatory laws for proper disposal.

Section 14: Transport Information* (non-mandatory)

DOT proper shipping name	Not regulated
DOT hazardous classification	Not Applicable
DOT Haz. Mat table 172.101	Not listed
DOT appendix to sec. 172.101	Not listed
DOT labels required	None
DOT placards required	None for solid product.
TDG classification	Not controlled under TDG (Canada).

Section 15: Regulatory Information* (non-mandatory)

U.S. Federal Regulations
Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):
N/A

Toxic Substances Control Act (TSCA): N/A

Clean Water Act (CWA): N/A

Clean Air Act (CAA): N/A

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:
Immediate Hazard: N/A
Delayed Hazard: N/A
Fire Hazard: N/A
Pressure Hazard: N/A
Reactivity Hazard: N/A

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372)

None listed.

State Regulations

Non-regulated.

International Regulations

Non-regulated.

Section 16: Other Information

Date of preparation / last revision: 7/16/2014

Health: 1
Flammability: 1
Reactivity: 0

Revision Indicator: SDS

Disclaimer: The information contained herein is accurate to the best of our knowledge. WR Medical Electronics Co. makes no warranty of any kind, expressed or implied, concerning the safe use of this material in your process or in combination with other substances.