

### 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

“Consumer Products”, as defined by the US Consumer Product Safety Act and which are used as intended are exempt from the OSHA Communication Standard (29 CFR 19190.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**Physical Hazards:** Not classified.

**Health Hazards:** Not classified.

**OSHA Defined Hazards:** Not classified; this product does not meet the criteria for classification according to OSHA Hazard Communication Standard (OSHA GHS).

**Label Elements**

**Hazard Symbol:** None.

### Section 3: Composition/Information on Ingredients

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

### Section 4: First-Aid Measures

|                      |   |
|----------------------|---|
| <b>Eye Contact:</b>  | <b>Solid:</b> No specific safety measures noted. Exposure to fumes, vapors or smoke from over-heated product can result in irritation of eyes. Direct contact of molten material will cause injury and burns. Should an accident occur, flush eyes with generous amounts of water for at least 15 minutes. Administer prompt first aid measures. Get medical attention if irritation develops and persists. |
| <b>Skin Contact:</b> | <b>Solid:</b> No specific safety measures noted. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and see a physician for removal of adhering material and treatment of burn.  |
| <b>Ingestion:</b>    | <b>Solid:</b> No specific safety measures noted. Material is not acutely toxic by ingestion. If material is ingested, do not induce vomiting. Call a physician.   |
| <b>Inhalation:</b>   | <b>Solid:</b> No specific first aid measures noted. If fumes from heated product are inhaled: move to fresh air.  |
| <b>General:</b>      | If you feel unwell, seek medical advice (show the label where possible). Show SDS sheet to doctor.  |

## 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)<br>> 175°C          | Upper explosion limit (% by volume)<br>7.0%      | Lower explosion limit (% by volume)<br>0.9% |   |
| Auto ignition temperature<br>Not Available | TDG flammability classification<br>Not Dangerous |   | Hazardous combustion products<br>CO2, CO (See Section 10) |
| Sensitivity to impact<br>Not Applicable    | Rate of burning<br>Not Applicable                | Explosive power<br>Not Applicable           | Sensitivity to static discharge<br>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

**Precautions for Safe Handling:**

**Molten State:** Inert gas blanketing may be used to avoid material degradation.

**Solid:** Avoid contamination by keeping in closed containers.

**Conditions for Safe Storage (Solid):**

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly close container. Store in a well-ventilated place equipped with sprinklers.

## Section 8: Exposure Controls/Personal Protection

**Biological Limit Values:** No biological exposure limits noted.

This material will be utilized in molten form. Use molten material in well ventilated areas.

## Section 9: Physical and Chemical Properties

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

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.

**Reactivity:** Stable and non-reactive under normal conditions of use, storage and transport.

**Incompatible Materials:** Strong oxidizing agents.

**Conditions to Avoid:** Avoid temperatures exceeding flash point and contact with incompatible materials.

**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:** Not expected to be acutely toxic. (See Section 2.)

**Eye Contact:** Health injuries are not known or expected under normal use. (See Section 2.)

**Skin Contact:** Health injuries are not known or expected under normal use. (See Section 2.)

**Inhalation:** Health injuries are not known or expected under normal use. (See Section 2.)

**Ingestion:** Health injuries are not known or expected under normal use. (See Section 2.)

**Target Organ Effects:** None under normal use.

**Chronic Effects:** None under normal use.

**Skin Corrosion/Irritation:** Thermal burn hazard – contact with hot material may cause thermal burns.

**Serious Eye Damage/Eye Irritation:** Not classified. Direct contact of molten product to eyes will cause thermal burns and eye injury.

**Carcinogenicity:** Not expected to be hazardous by OSHA criteria.

**Medical Conditions Aggravated by Exposure:** No known cases.

## Section 12: Ecological Information (non-mandatory)

**Ecotoxicity:** 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:** Not regulated as dangerous goods.

**IATA:** Not regulated as dangerous goods.

**TDG classification:** Not controlled under TDG (Canada).

## Section 15: Regulatory Information (non-mandatory)

**U.S. Federal Regulations:** This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 19010.1200

**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:** No

**Delayed Hazard:** No

**Fire Hazard:** No

**Pressure Hazard:** No

**Reactivity Hazard:** No

**SARA Section 313 (40 CFR 372):** Not regulated.

**State Regulations**

US. California Proposition 65: Not listed

**International Regulations:** Non-regulated.

**Section 16: Other Information, Date of last revision (non-mandatory)**

**Date of preparation / last revision:** 12/04/18

**HMIS ratings:**

**Health:** 0

**Flammability:** 1

**Physical hazard:** 0

**Personal Protection:** 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.