

PARALin™ Material Safety Data Sheet

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1. Product Identification:

Manufacturer's Name	Grimm Scientific Industries, Inc		
Mailing Address	PO Box 2143, Marietta, OH 45750		
Website	grimmscientific.com		
Emergency Telephone	1-800-223-5395		
Trade Name	PARALin		
Synonym	Saturated Petroleum Hydrocarbon Mixture		
Chemical Family	Straight and Branched Chain Paraffin Hydrocarbons		
DOT Hazard Class	Not Regulated		
NFPA Hazard Identification	<u>Hazard Range</u>		<u>Degree of Hazard</u>
	0 = Least		Health = 0
	1 = Slight		Fire = 1
	2 = Moderate		Reactivity = 0
	3 = High		
	4 = Extreme		

2. Ingredients:

Component Name	Volume	Hazards in Blend
Fully Refined Paraffin Wax	97.53%	No
White Mineral Oil	2.43%	No
Aniba Rosaeodora Ducke Oil	0.04%	No

3. Physical Data:

Boiling Point	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Solubility in Water	Nil
Specific Gravity	Approximately 0.92
Percent Volatile by Weight at Ambient Temperature	Nil
Evaporation Rate	Not Applicable
Appearance Odor	White to Very Pale Yellow
Odor	Solid Wax; Bland Odor

4. Fire and Explosion Hazard Data:

Flash Point	Above 400°F
Flammable Limits	Requires exposure to high temperature and naked flame
Extinguishing Media	Dry Chemical, CO2, Foam
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and protective clothing to prevent contact skin and eyes
Fire and Explosion Hazards	Slight when exposed to heat and flame

5. Reactivity Data:

Stability	Stable
Incompatibility	Not Applicable
Hazardous Decomposition Products	None
Hazardous Polymerization	Will Not Occur

6. Health Hazard Data:

Exposure Limits	No Federal OSHA exposure standard has been established for this material.
Exposure Effects	Inhalation: None Expected Eyes: No specific hazard known. Any material in eyes may be irritating Skin: Molten material may produce thermal burns when melted in containers other than paraffin baths manufactured as medical devices to maintain temperature below 135°F.
First Aid	Eyes: Any material in eyes should be washed out and medical attention obtained if symptoms are present after washing. Skin: If burned by contact with molten material, cool as quickly as possible with water and see physician for treatment of burn.

7. Personal Protection:

Eye Protection	Not required for normal use. If handled such that it could be splashed into eyes, wear a plastic face shield or splash-proof safety goggles.
Skin Protection	Not required for normal exposure. If handling melted material above 180°F, use insulated clothing (boots, gloves, aprons, etc.).
Respiratory	Not required under normal use. If vapor or mist is generated when material is heated over 180°F, use an organic vapor respirator with a dust mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.
Ventilation	If vapor or mist is generated when material is heated or handled, adequate ventilation in accordance with good engineering practices must be provided to maintain concentrations below the specified exposure of flammable limits.

8. Spill, leak, and Disposal Practices:

In Case of Spills	Scrape up large spills. Use hot soapy water or petroleum solvent for cleanup.
Waste Disposal	Disposal must be in accordance with federal, state, and local regulations.

9. Handling and Storage:

Do not transfer to unmarked containers. Store away from heat, sparks, open flame, or oxidizing materials. This product is not classified as hazardous under DOT regulations. Fire extinguishers should be kept readily available. See NFPA and OSHA 1910.106 Flammable and Combustible Liquids.