



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Heavy Liquid Paraffin (Pharmaceutical Grade)**
- **Synonyms:** Mineral Oil (Heavy), Paraffinum Liquidum, White Oil

Manufacturer/Supplier:

Swadesh (India) Chemical Pvt. Ltd.

Address:

Survey No: 512, Plot No. 7,
Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC,
Dehgam, Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business@swadeshindia.in
- Website: www.swadeshindia.in

Recommended Use:

- Lubricant, pharmaceutical/cosmetic excipient, industrial applications.

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Heavy Liquid Paraffin (C ₂₀ –C ₅₀)	8042-47-5	≥99%

Additional Notes: Highly refined hydrocarbon mixture; free from aromatic compounds.



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Not classified as hazardous (No GHS pictograms required)
- Aspiration Hazard: Category 1 (H304)

Hazard Statements:

- May be fatal if swallowed and enters airways (aspiration hazard).

Precautionary Statements:

- P331: Do NOT induce vomiting if swallowed.
- P301 + P310: If swallowed, call the poison center immediately.

4. FIRST AID MEASURES

- **Eye Contact:** Rinse gently with water for 15 minutes; seek medical advice if irritation persists.
- **Skin Contact:** Wash with soap and water; no special treatment needed.
- **Ingestion:** Do NOT induce vomiting (aspiration risk). Seek immediate medical attention.
- **Inhalation:** Unlikely (low volatility); move to fresh air if discomfort occurs.

5. FIRE FIGHTING MEASURES

- **Flash Point:** >200°C (closed cup)
- **Autoignition Temp.:** >250°C
- **Extinguishing Media:** Foam, CO₂, dry chemical.
- **Special Hazards:** Combustible at high temperatures; emits smoke/CO₂ if burned.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- Containment: Use absorbent materials (sand, clay) for large spills.
- Cleanup: Scoop into sealed containers; avoid environmental release.

7. HANDLING AND STORAGE

- **Handling:**
 - Avoid mist formation; use in well-ventilated areas.
- **Storage:**
 - Store in tightly closed containers away from heat/open flames.



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** General ventilation sufficient.
- **PPE:**
 - Gloves: Nitrile (for prolonged contact)
 - Eye Protection: Safety goggles (if splashing risk)

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Colorless viscous liquid
Odor	Odorless
Boiling Point	300–600°C (range)
Melting Point	-24°C to -10°C
Density (20°C)	0.86–0.91 g/cm ³
Solubility	Insoluble in water

10. STABILITY AND REACTIVITY

- **Stability:** Highly stable; resistant to oxidation.
- **Incompatibilities:** Strong oxidizers (e.g., nitric acid).
- **Hazardous Decomposition:** None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Oral, Rat):

- Oral LD50 (rat): LD₅₀ = 5,000 mg/kg (practically non-toxic).
- Dermal LD50 (Rabbit): 2,000 mg/kg (low irritation).

Chronic Effects: Prolonged skin contact may cause dermatitis.

12. ECOLOGICAL INFORMATION

Biodegradability:

- Slowly biodegradable (OECD 301F: <20% in 28 days).

Aquatic Toxicity:

- LC₅₀ (Fish) > 100 mg/L (low toxicity).



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13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Incinerate or recycle via licensed waste handlers.

14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not regulated as hazardous.

15. REGULATORY INFORMATION

India:

- Compliant with CPCB regulations

International:

- REACH registered
- OSHA compliant

16. ADDITIONAL INFORMATION

Revision Date :20/04/24

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.