

**Material Safety Data Sheet (MSDS) – Paraffin Wax 3–5%****1. Identification of the Substance**

Item	Description
Product Name	Paraffin Wax 3–5%
Chemical Family	Petroleum Hydrocarbon Wax
CAS Number	8002-74-2
Recommended Use	Industrial and commercial applications
Manufacturer / Supplier	Industrial chemical supplier
Emergency Use	Industrial use only

**2. Hazard Identification**

Hazard Classification	Description
GHS Classification	Not classified as hazardous
Physical Hazards	Combustible at high temperatures
Health Hazards	Low toxicity under normal use
Environmental Hazards	Not classified as hazardous

**Warning:** Molten wax may cause thermal burns.

**3. Composition / Information on Ingredients**

Component	Percentage
Paraffin Wax	95 – 97 %
Mineral Oil	3 – 5 %

**4. First Aid Measures**

Exposure Route	First Aid Measures
Inhalation	Move to fresh air if fumes are inhaled
Skin Contact	Cool with cold water if molten wax contacts skin
Eye Contact	Rinse gently with water; seek medical advice if irritation persists
Ingestion	Do not induce vomiting; seek medical attention



### 5. Fire Fighting Measures

Item	Description
Suitable Extinguishing Media	Foam, dry chemical, CO <sub>2</sub>
Unsuitable Media	Water jet
Fire Hazards	Combustible at elevated temperatures
Protective Equipment	Self-contained breathing apparatus

### 6. Accidental Release Measures

Measure	Description
Personal Precautions	Avoid slipping hazard
Environmental Precautions	Prevent entry into waterways
Cleanup Method	Allow to solidify, scrape, and collect

### 7. Handling and Storage

Handling	Storage
Avoid overheating	Store in cool, dry place
Use protective gloves	Keep away from ignition sources
Avoid spills	Protect from direct sunlight

### 8. Exposure Controls / Personal Protection

Protection Type	Recommendation
Eye Protection	Safety goggles
Hand Protection	Heat-resistant gloves
Skin Protection	Protective clothing
Respiratory Protection	Not required under normal conditions

### 9. Physical and Chemical Properties

Property	Value
Physical State	Solid
Color	White to yellowish
Odor	Mild
Melting Point	52 – 58 °C
Flash Point	> 200 °C
Solubility	Insoluble in water

**10. Stability and Reactivity**

Condition	Status
Chemical Stability	Stable
Hazardous Reactions	None
Incompatible Materials	Strong oxidizers
Decomposition Products	Carbon oxides

**11. Toxicological Information**

Effect	Description
Acute Toxicity	Low
Skin Irritation	Not expected
Eye Irritation	Mild if molten
Chronic Effects	None known

**12. Ecological Information**

Aspect	Description
Biodegradability	Low
Aquatic Toxicity	Not classified
Environmental Impact	Minimal when properly handled

**13. Disposal Considerations**

Dispose according to local regulations. Do not discharge into drains or waterways.

**14. Transport Information**

Regulation	Status
UN Number	Not regulated
Transport Hazard Class	Not hazardous
Packing Group	Not applicable

**15. Regulatory Information**

This product complies with international industrial chemical regulations and is not listed as a hazardous substance.

**16. Other Information**

Information provided is based on current knowledge and intended for industrial guidance only.