



## MSDS & TDS – Material Safety Data Sheet & Technical Data Sheet Paraffin Wax 1–1.5% Oil Content

### MATERIAL SAFETY DATA SHEET (MSDS)

**Product Name:** Paraffin Wax 1–1.5%

**CAS Number:** 8002-74-2

**HS Code:** 2712.90

**Product Type:** Fully refined / semi-refined paraffin wax

**Oil Content:** 1–1.5%

**Appearance:** White to off-white solid (slabs, granules, pastilles)

#### 1. Identification of the Substance and Company

Item	Description
Product Name	Paraffin Wax 1–1.5%
Synonyms	Paraffin wax, petroleum wax
Recommended Use	Candles, cosmetics, packaging, rubber, adhesives
Supplier	Industrial paraffin wax supplier
Emergency Contact	Available upon request

#### 2. Hazard Identification

Category	Description
GHS Classification	Not classified as hazardous
Physical Hazards	Combustible solid
Health Hazards	Low hazard under normal use
Environmental Hazards	Not environmentally hazardous

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



### 3. Composition / Information on Ingredients

Component	Content
Paraffin hydrocarbons (C20–C40)	≥ 98.5%
Oil Content	1–1.5%
Additives	None

### 4. First Aid Measures

Exposure Route	First Aid Measures
Skin Contact	Wash with soap and water
Hot Wax Contact	Cool immediately with cold water, seek medical attention
Eye Contact	Rinse with water for at least 15 minutes
Inhalation	Move to fresh air
Ingestion	Seek medical advice if discomfort occurs

### 5. Fire-Fighting Measures

Item	Information
Flash Point	Above 200 °C
Suitable Extinguishing Media	Foam, CO <sub>2</sub> , dry powder
Hazardous Combustion Products	Carbon monoxide, carbon dioxide
Protective Equipment	Self-contained breathing apparatus

### 6. Accidental Release Measures

Aspect	Recommendation
Personal Precautions	Avoid slipping hazard
Environmental Precautions	Prevent discharge into drains
Cleanup Method	Allow to solidify and mechanically remove



## 7. Handling and Storage

Handling	Storage
Avoid overheating	Store in a cool, dry place
Keep away from open flame	Protect from direct sunlight
Use protective gloves	Keep containers tightly closed

## 8. Exposure Controls / Personal Protection

Parameter	Recommendation
Respiratory Protection	Not required
Skin Protection	Heat-resistant gloves when molten
Eye Protection	Safety goggles if splashing risk exists
Ventilation	Adequate ventilation recommended

## 9. Physical and Chemical Properties

Property	Value
Physical State	Solid
Color	White to off-white
Odor	Odorless
Melting Point	58–62 °C
Flash Point	Above 200 °C
Solubility in Water	Insoluble
Density	Approximately 0.90 g/cm <sup>3</sup>

## 10. Stability and Reactivity

Condition	Status
Chemical Stability	Stable
Hazardous Reactions	None
Conditions to Avoid	Excessive heat



Condition	Status
Incompatible Materials	Strong oxidizing agents

## 11. Toxicological Information

Effect	Information
Acute Toxicity	Low
Skin Irritation	Non-irritant
Eye Irritation	Mild if molten
Carcinogenicity	Not classified

## 12. Ecological Information

Parameter	Information
Biodegradability	Slow
Aquatic Toxicity	Not toxic
Environmental Impact	Minimal

## 13. Disposal Considerations

Aspect	Recommendation
Product Disposal	According to local regulations
Packaging Disposal	Recyclable where permitted

## 14. Transport Information

Mode	Status
UN Number	Not regulated
Hazard Class	Non-hazardous
Packing Group	Not applicable



## 15. Regulatory Information

Regulation	Compliance
REACH	Compliant
FDA	Suitable for indirect food contact
RoHS	Compliant

## 16. Other Information

Note
Information provided is based on current industrial knowledge