



SAFETY DATA SHEET

Semi Refined Paraffin Wax 5–7% Oil Content

Version: 1.0

Revision Date: 21 May 2026

Prepared for: Basekim

Product Name: Semi Refined Paraffin Wax 5–7%

Product Type: Semi-refined petroleum wax

CAS Number: 8002-74-2

Recommended Use: Candles, packaging, cosmetics, coatings, rubber, industrial applications

Restrictions on Use: Use only for intended industrial or commercial applications.

1. Identification

Product Identifier: Semi Refined Paraffin Wax 5–7% Oil Content

Synonyms: Paraffin Wax, Petroleum Wax, Hydrocarbon Wax, Semi Refined Paraffin

Chemical Family: Hydrocarbon wax

CAS No.: 8002-74-2

UN Number: Not regulated

Supplier Details

Supplier: Basekim Chemical Product Import Export Co. / Basekim

Turkey Head Office:

No.6, Fahrettin Pasa St. 613, Ilkbahar, Cankaya, Ankara, Turkey

Istanbul Office:

No.219, Sogut St., No.20, T4A Block, Maslak, Sariyer, Istanbul, Turkey

UAE Office:

No.3509, The Burlington Tower, Business Bay, Dubai, UAE

Telephone: +90 312 514 70 55

Dubai Tel.: +971 4 236 9830

Emergency Telephone: Contact supplier or local emergency services.



2. Hazard Identification

GHS Classification

This product is **not classified as hazardous** under normal conditions of use.

Label Elements

Signal Word: Not applicable

Hazard Pictograms: Not applicable

Hazard Statements: Not classified as hazardous.

Other Hazards

Molten wax can cause thermal burns. Vapors or fumes from overheated material may cause irritation of the eyes, nose, throat, or respiratory tract. Product may present a slip hazard if spilled. Combustible material; may burn if exposed to sufficient heat or flame.

3. Composition / Information on Ingredients

Component	CAS No.	Concentration
Paraffin wax / hydrocarbon wax	8002-74-2	Approx. 93–95%
Mineral oil / retained oil content	Mixture	Approx. 5–7%

This product is a complex mixture of solid saturated hydrocarbons derived from petroleum refining.

4. First-Aid Measures

Inhalation

Move the person to fresh air. If irritation, coughing, or breathing discomfort continues, seek medical attention.

Skin Contact

For solid wax, wash skin with soap and water.

For molten wax, cool affected skin immediately with plenty of water. Do not try to forcibly remove solidified wax from skin. Seek medical attention for burns.



Eye Contact

For solid particles, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

For molten wax or hot fumes, rinse with water and seek medical attention.

Ingestion

Rinse mouth. Do not induce vomiting. Seek medical advice if discomfort occurs.

Most Important Symptoms and Effects

Possible mild mechanical irritation from solid wax. Thermal burns from molten material. Respiratory irritation may occur from fumes generated at high temperatures.

5. Fire-Fighting Measures

Suitable Extinguishing Media

Use dry chemical powder, foam, carbon dioxide, or water spray.

Unsuitable Extinguishing Media

Do not use a direct high-pressure water jet on molten material, as this may spread burning material.

Specific Hazards

Combustible solid. When heated strongly or burned, product may release irritating smoke, carbon monoxide, carbon dioxide, and hydrocarbon decomposition products.

Protective Equipment for Firefighters

Wear self-contained breathing apparatus and full protective firefighting clothing. Cool containers or surrounding material with water spray if exposed to fire.

6. Accidental Release Measures

Personal Precautions

Avoid contact with molten material. Use appropriate protective equipment. Prevent slips caused by spilled wax pellets, slabs, or flakes.



Environmental Precautions

Prevent entry into drains, waterways, and soil where possible.

Methods for Cleanup

Allow molten wax to cool and solidify. Collect solid material mechanically by sweeping, shoveling, or vacuuming. Place in suitable containers for reuse, recycling, or disposal according to local regulations.

7. Handling and Storage

Handling

Avoid overheating. Avoid breathing fumes from molten wax. Use in well-ventilated areas. Prevent contact with hot or molten material. Keep away from open flames, sparks, and strong oxidizing agents.

Storage

Store in a cool, dry, well-ventilated area. Keep away from heat sources, ignition sources, direct sunlight, and incompatible materials. Keep containers or packaging closed when not in use.

Incompatible Materials

Strong oxidizing agents.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits

No specific occupational exposure limit established for paraffin wax as supplied. If fumes or oil mist are generated during heating, apply local occupational exposure limits for mineral oil mist or hydrocarbon fumes where applicable.

Engineering Controls

Use general ventilation. Use local exhaust ventilation when melting, heating, or processing the product at elevated temperatures.



Personal Protective Equipment

Eye Protection: Safety glasses. Use face shield when handling molten wax.

Skin Protection: Protective gloves. Heat-resistant gloves when handling molten material.

Respiratory Protection: Not normally required under normal handling. Use suitable respiratory protection if ventilation is inadequate or fumes are generated.

Hygiene Measures: Wash hands after handling. Do not eat, drink, or smoke while handling product.

9. Physical and Chemical Properties

Property	Typical Value
Appearance	White to off-white solid, slab, granule, pellet, or block
Odor	Mild petroleum odor or nearly odorless
Odor Threshold	Not available
pH	Not applicable
Melting Point / Range	Approx. 50–68°C, depending on grade
Boiling Point	Not available
Flash Point	Typically >200°C
Evaporation Rate	Not applicable
Flammability	Combustible solid
Upper / Lower Flammability Limits	Not available
Vapor Pressure	Negligible at ambient temperature
Vapor Density	Not available
Relative Density	Approx. 0.80–0.95 g/cm ³
Solubility in Water	Insoluble
Solubility in Organic Solvents	Soluble in many hydrocarbon solvents
Partition Coefficient	Not available
Auto-Ignition Temperature	Typically >300°C
Decomposition Temperature	Not available
Viscosity	Not applicable as solid; molten viscosity varies
Oil Content	5–7%



10. Stability and Reactivity

Reactivity

Not reactive under normal conditions of storage and use.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

No hazardous polymerization expected.

Conditions to Avoid

Excessive heat, open flames, sparks, and ignition sources.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, smoke, and irritating hydrocarbon fumes may be produced during combustion or thermal decomposition.

11. Toxicological Information

Likely Routes of Exposure

Skin contact, eye contact, inhalation of fumes from heated product, accidental ingestion.

Acute Toxicity

Expected to have low acute toxicity under normal handling conditions.

Skin Corrosion / Irritation

Solid product is not expected to irritate skin significantly. Molten product can cause thermal burns.



Serious Eye Damage / Irritation

Solid particles may cause mild mechanical irritation. Hot vapors or molten wax may cause irritation or burns.

Respiratory or Skin Sensitization

Not expected to be a sensitizer.

Germ Cell Mutagenicity

Not expected to be mutagenic.

Carcinogenicity

Not expected to be carcinogenic as supplied.

Reproductive Toxicity

Not expected to cause reproductive toxicity.

STOT — Single Exposure

Fumes from overheated wax may cause temporary respiratory irritation.

STOT — Repeated Exposure

No significant effects expected under normal use.

Aspiration Hazard

Not classified as an aspiration hazard in solid form.

12. Ecological Information

Ecotoxicity

Not expected to be acutely toxic to aquatic organisms. However, large releases may cause physical contamination.



Persistence and Degradability

Expected to be persistent and slowly biodegradable.

Bioaccumulative Potential

Hydrocarbon components may have potential for bioaccumulation, but product is solid and has low water solubility.

Mobility in Soil

Low mobility due to solid form and water insolubility.

Other Adverse Effects

Avoid release to drains, sewers, and surface waters.

13. Disposal Considerations

Dispose of product, residues, and contaminated packaging according to local, regional, national, and international regulations. Where permitted, product may be recycled or recovered. Do not discharge into drains or the environment.

14. Transport Information

Regulation	Classification
UN Number	Not regulated
Proper Shipping Name	Not regulated
Transport Hazard Class	Not regulated
Packing Group	Not regulated
Marine Pollutant	No
Special Precautions	Protect from excessive heat and physical damage

This product is generally not classified as dangerous goods for road, sea, air, or rail transport.



15. Regulatory Information

This product is not normally classified as hazardous under GHS when handled as supplied. Users must ensure compliance with applicable chemical inventory, workplace safety, transport, and environmental regulations in the country of use.

Possible regulatory references include:

OSHA Hazard Communication Standard, GHS, REACH/CLP where applicable, and local chemical control laws.

16. Other Information

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