



MATERIAL SAFETY DATA SHEET (MSDS)

Liquid Paraffin Cosmetic Grade

Prepared According to GHS (Globally Harmonized System)

SECTION 1: Identification of the Substance/Mixture and Company

Product Identifier

Product Name: Liquid Paraffin Cosmetic Grade

Synonyms:

- Cosmetic White Oil
- Cosmetic Grade Mineral Oil
- White Mineral Oil
- Mineral Oil Cosmetic Grade

INCI Name: Mineral Oil

CAS Number: 8042-47-5

EC Number: 232-455-8

Recommended Use

Raw material for:

- Cosmetic formulations
- Personal care products
- Skin care products
- Hair care products
- Baby care products
- Beauty and personal hygiene products

Supplier Information

Company Name: [Basekim]



SECTION 2: Hazard Identification

GHS Classification

Under normal conditions of use, this product is generally **not classified as hazardous** according to GHS criteria.

Signal Word

Not Classified

Hazard Statements

Not classified as hazardous.

Precautionary Statements

- Avoid prolonged skin contact.
- Avoid contact with eyes.
- Wash hands thoroughly after handling.
- Keep away from excessive heat and ignition sources.
- Use good industrial hygiene practices.

Other Hazards

- Oil spills may create slipping hazards.
- Heated product may cause thermal burns.

SECTION 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
Highly Refined Mineral Oil (Liquid Paraffin)	8042-47-5	≥ 99%

Impurities

Contains no hazardous impurities at reportable levels.



SECTION 4: First Aid Measures

General Advice

Remove affected person from exposure and seek medical attention if symptoms persist.

Inhalation

- Move person to fresh air.
- Keep comfortable for breathing.
- Seek medical attention if irritation occurs.

Skin Contact

- Remove contaminated clothing.
- Wash affected area with soap and water.
- Seek medical advice if irritation develops.

Eye Contact

- Rinse immediately with plenty of clean water.
- Continue rinsing for at least 15 minutes.
- Obtain medical attention if irritation persists.

Ingestion

- Rinse mouth thoroughly with water.
- Do not induce vomiting.
- Seek medical attention if large quantities are swallowed.

Most Important Symptoms

- Mild eye irritation.
- Mild skin irritation after prolonged exposure.
- Gastrointestinal discomfort if ingested in large amounts.



SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media

- Dry chemical powder
- Carbon dioxide (CO₂)
- Foam
- Water spray or fog

Unsuitable Extinguishing Media

- High-pressure water jet

Specific Hazards

Combustion may generate:

- Carbon monoxide (CO)
- Carbon dioxide (CO₂)
- Smoke
- Hydrocarbon fumes

Protective Equipment for Firefighters

- Self-contained breathing apparatus (SCBA)
- Full protective clothing

SECTION 6: Accidental Release Measures

Personal Precautions

- Avoid slipping hazards.
- Wear suitable protective equipment.
- Ensure adequate ventilation.

Environmental Precautions

- Prevent release into drains, waterways, and soil.
- Contain spill where possible.



Cleanup Methods

- Absorb with sand, earth, or inert absorbent material.
- Transfer to suitable disposal containers.
- Clean contaminated area thoroughly.

SECTION 7: Handling and Storage

Handling

- Use good industrial hygiene practices.
- Avoid unnecessary skin and eye contact.
- Do not eat, drink, or smoke while handling.
- Avoid generating oil mist.

Storage

- Store in tightly closed containers.
- Protect from direct sunlight.
- Store in a cool, dry, and well-ventilated area.
- Keep away from strong oxidizing agents.

Recommended Storage Temperature

5°C – 40°C

SECTION 8: Exposure Controls / Personal Protection

Occupational Exposure Limits

No specific occupational exposure limits established for highly refined cosmetic-grade liquid paraffin.

Engineering Controls

- Adequate workplace ventilation.
- Local exhaust ventilation if oil mist is generated.



Personal Protective Equipment (PPE)

Eye Protection

- Safety glasses or goggles.

Hand Protection

- Protective gloves recommended.

Skin Protection

- Standard work clothing.

Respiratory Protection

- Not normally required.
- Use approved respiratory protection if mist concentrations exceed workplace limits.

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Clear, Colorless Oily Liquid
Odor	Odorless
Odor Threshold	Not Available
pH	Not Applicable
Melting Point	Not Available
Pour Point	≤ -6°C
Initial Boiling Point	> 300°C
Flash Point	> 160°C
Evaporation Rate	Very Low



Property	Value
Flammability	Combustible at Elevated Temperatures
Vapor Pressure	Very Low
Vapor Density	> Air
Relative Density @ 20°C	0.830 – 0.880
Solubility in Water	Insoluble
Partition Coefficient	Not Available
Auto-Ignition Temperature	> 300°C
Decomposition Temperature	Not Available
Viscosity	Grade Dependent

SECTION 10: Stability and Reactivity

Reactivity

Stable under recommended conditions.

Chemical Stability

Stable during normal handling and storage.

Hazardous Reactions

No hazardous polymerization expected.

Conditions to Avoid

- Excessive heat
- Open flames
- Strong ignition sources

Incompatible Materials

- Strong oxidizing agents

Hazardous Decomposition Products

- Carbon monoxide



- Carbon dioxide
- Smoke
- Hydrocarbon vapors

SECTION 11: Toxicological Information

Acute Toxicity

Not expected to be acutely toxic.

Skin Corrosion/Irritation

May cause mild irritation after prolonged contact.

Serious Eye Damage/Irritation

May cause temporary irritation.

Respiratory Sensitization

Not expected.

Skin Sensitization

Not expected.

Germ Cell Mutagenicity

Not expected.

Carcinogenicity

Highly refined mineral oils are generally not classified as carcinogenic when manufactured according to applicable purity standards.

Reproductive Toxicity

No known adverse effects under normal use conditions.



Aspiration Hazard

Low hazard due to viscosity; however, aspiration into lungs should be avoided.

SECTION 12: Ecological Information

Ecotoxicity

No significant environmental hazards expected under normal conditions.

Persistence and Degradability

Expected to degrade slowly.

Bioaccumulative Potential

Low potential.

Mobility in Soil

Low water solubility.

Additional Information

Prevent uncontrolled release into the environment.

SECTION 13: Disposal Considerations

Product Disposal

Dispose according to local, regional, and national regulations.



Contaminated Packaging

Empty containers may retain residues.

Dispose of packaging through approved waste management facilities.

SECTION 14: Transport Information

UN Number

Not Regulated

Proper Shipping Name

Not Regulated

Transport Hazard Class

Not Classified

Packing Group

Not Applicable

Environmental Hazards

Not Classified

Special Precautions

Avoid container damage and leakage during transport.

ADR/RID

Not Regulated

IMDG

Not Regulated



IATA

Not Regulated

SECTION 15: Regulatory Information

International Inventories

Components may be listed or exempt on applicable chemical inventories subject to jurisdiction.

GHS Classification

Not Classified as Hazardous

Cosmetic Use

Suitable for cosmetic and personal care applications subject to local regulations.

SECTION 16: Other Information

Revision Information

Issue Date: [Insert Date]

Revision Number: 1.0

Abbreviations

- GHS: Globally Harmonized System
- CAS: Chemical Abstract Service
- EC: European Community Number
- PPE: Personal Protective Equipment
- SCBA: Self-Contained Breathing Apparatus
- ADR: European Road Transport
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transport Association