MATERIAL SAFETY DATA SHEET

HEAVY LIQUID PARAFFIN / MINERAL OIL / WHITE MINERAL OIL

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product Identifier

Product name	Heavy Liquid Paraffin / Mineral Oil / White Mineral Oil
Chemical Name	White Mineral Oil (Petroleum)
Other means of identification	Not Available
CAS Number	8042-47-5
EC Number	232-455-8
REACH registration number	01-2119487078-27-0041

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Category	PC 28 Perfumes, Fragrances PC 29 Pharmaceuticals PC 39 Cosmetics, personal care products
Sectors of Use	SU 21 Consumer uses: Private households (= general public = consumers) SU 3 Industrial uses: Uses of substances as such or in preparations at industrial sites
Relevant identified uses	Highly refined mineral oils are typically used as a blending base in a variety of applications including cosmetic, pharmaceutical, food and general industries.
Uses advised against	Non-specified unless otherwise stated within this SDS

1.3. Details of the Supplier of the Safety Data Sheet

Registered company name	Cosmo Chemistry India Pvt. Ltd.
Address	Office No. 713, 7th Floor, Millennium Business Hub, Sarthana Jakatnaka, Varachha Main Road, Surat, Gujarat – 395006, India
Telephone	+91 7984584838
Email	info@cosmochemistryindia.com

1.4. Emergency Telephone Number

Emergency telephone numbers	+91 7984584838
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

- Considered a dangerous mixture according to directive 1999/45/EC, Reg. (EC) No.1272/2008 (if applicable) and their amendments.
- Not classified as Dangerous Goods for transport purposes.
- Classification according to regulation (EC) No. 1272/2008 [CLP] – Not Classified.

2.2. Label Elements

CLP label elements	Not Applicable
Signal word	No signal word
Hazard statement(s)	P301+P310 If Swallowed: Immediately call a doctor/physician/first aider. P331 Do not induce vomiting.
Precautionary statement(s) – Storage	P405 Store locked up.
Precautionary statement(s) – Disposal	P501 Dispose of contents/container to authorized chemical landfill or, if organic, to high temperature incineration.

2.3. Other Hazards

REACH – Art. 57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

ECHA List – Not listed in the Endocrine Disruptor properties in the delegated Regulation (EC) 2017/2100 or 2018/605.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

See composition on ingredients in Section 3.2.

3.2. Mixtures

CAS No. **EC No.** **Index No.** **REACH No.**	**% (Weight)**	**Name**	**Classification (EC No.1272/2008 CLP)**
8042-47-5 232-455-8 Not classified 01-2119487078-27-0041	100	White Mineral Oil (Petroleum)	Not classified
Endocrine Disruptor properties in the delegated Regulation (EC) 2017/2100 or 2018/605	NA	White Mineral Oil (Petroleum)	Not classified

SECTION 4 FIRST AID MEASURES

4.1. Description of First Aid Measures

Eye Contact	If this product comes in contact with eyes (when molten only): Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin or hair contact occurs (when molten only): Flush skin and hair with running water (and soap if available). Seek medical attention in the event of irritation.
Inhalation	If fumes, aerosol or combustion products are inhaled, remove from contaminated area. Other measures are usually unnecessary.
Ingestion	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Refer to Section 11.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing Media

- Dry chemical powder.
- Foam.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog – large fires only.

5.2. Special Hazards Arising from the Substrate or Mixture

Fire Incompatibility	Avoid contamination with oxidizing agents, i.e. nitrates, oxidizing acids, chlorine acids, chlorine bleaches, pool chlorine, etc., as ignition may result.

5.3. Advice for Firefighters

Fire fighting	Alert Fire Brigade and inform them of location and nature of hazard. Wear full body protective clothing with breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Refer to Section 8.

6.2. Environmental Precautions

Refer to Section 12.

6.3. Methods and Material for Containment and Cleaning Up

- Remove all ignition sources.
- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact with the substance by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up.
- Place in a suitable, labelled container for waste disposal.

6.4. Reference to Other Sections

Personal protective equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for Safe Handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Prevent concentration in hollows and sumps.
- Do not enter confined spaces until atmosphere has been checked.
- Avoid smoking, naked lights or ignition sources.
- Avoid contact with incompatible materials; do not eat, drink or smoke while handling.
- Keep containers securely sealed when not in use; avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storage and handling recommendations contained within this SDS.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions.

Fire and explosion protection: Refer to Section 5.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Suitable container	Metal can/drum. HM HDPE can/drum. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Avoid contamination of water, foodstuffs, feed or seed. Avoid reaction with oxidizing agents.

7.3. Specific End Use(s)

Refer to Section 1.2.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters

Derived No Effect Level (DNEL)	Not available
Predicted No Effect Level (PNEL)	Not available
Occupational Exposure Limits (OEL) – White Mineral Oil (Petroleum)	ACGIH TLV (United States, 6/2013): TWA 5 mg/m³, 8 hours, inhalable fraction. OSHA PEL (United States, 2/2013): TWA 5 mg/m³, 8 hours.

8.2. Exposure Controls

Appropriate engineering controls: Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and typically operate independently of worker interaction. Basic types include process controls that change the way an activity is carried out to reduce risk, and enclosure/isolation of the emission source combined with ventilation that adds and removes air in the work environment.

Personal Protection

Eye and face protection	Safety glasses with side shields; chemical goggles. Contact lenses may pose a special hazard – soft lenses may absorb and concentrate irritants. A written workplace policy on lens use is recommended, including a review of lens absorption for the class of chemicals in use.
Skin protection	See hand protection below.
Hands/feet protection	Replace gloves at the first sign of deterioration. For prolonged exposure, professional/industrial gloves CE III conforming to EN 420 and EN 374 are recommended.
Body protection	See other protection below.
Other protection	No special equipment needed when handling small quantities; otherwise overalls, barrier cream, and eyewash unit.
Thermal hazards	Not Available
Respiratory protection	Type A-P filter of sufficient capacity (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent).
Emergency measures	Emergency shower and eyewash station, per ANSI Z358-1, ISO 3864 and DIN 12899.

8.2.3. Environmental Exposure Controls

Refer to Section 12.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance: Colourless, transparent, oily liquid.

Physical state	Liquid	Weight per ml / Relative Density (Specific Gravity)	0.832 – 0.905 g/ml (ASTM D 1298)
Colour	Clear, colourless	Particle Characteristic	Not Available
Odour	None	Partition coefficient (n-octanol/water)	Not Available
Odour threshold	Not Available	Auto-ignition temperature	Not Applicable
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Pour Point	< -9°C (ASTM D 97)	Kin. Viscosity @40°C	38 – 110 cSt (ASTM D 445)
Flash point	Closed cup: > 200°C	Evaporation rate	Not Applicable
Explosive properties	Not Applicable	Flammability	Not Applicable
Vapour pressure	<0.013 kPa (<0.1 mm Hg) [room temp.]	Solubility in water (g/L)	Immiscible
Vapour density	>1 [Air = 1]	VOC g/L	Not Applicable
Oxidising properties	Not Available	DMSO extractible compound (IP-346)	<3%

9.2. Other Information

9.2.1. Additional information on physical hazard classes – No specific data available.

9.2.2. Other safety characteristic – No specific data available.

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity	Stable.
10.2. Chemical stability	Under normal conditions of storage and use, hazardous reactions will not occur.
10.3. Possibility of hazardous reactions	Avoid temperatures exceeding the flash point.
10.4. Conditions to avoid	No specific data.
10.5. Incompatible materials	No specific data.

10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

Routes of exposure	Inhalation, ingestion.
Acute toxicity	Not classified.
Skin corrosion/irritation	Not classified. May be irritating to the skin.
Serious eye damage/eye irritation	Not classified. May cause minor irritation on eye contact.
Respiratory sensitizer	Not classified.
Skin sensitization	Not classified.
Mutagenicity	No data available to indicate the product or any component present above 0.1% is mutagenic or genotoxic.
Carcinogenicity	No known significant effects or critical hazard.
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Epidemiology	No epidemiological data is available for this product.

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008 – Not classified.

11.2. Information on hazard classes relating to endocrine disrupting properties – Not classified.

SECTION 12 ECOLOGICAL INFORMATION

12.1. General	The product is not expected to be hazardous to the environment.
12.2. Persistence and degradability	The product is not classed as readily biodegradable by OECD test methods but is considered inherently biodegradable.
Stability (hydrolysis)	The product is based on highly refined mineral oils that are considered stable to hydrolysis.
Biodegradation	The product is not considered readily biodegradable, although the major constituents are expected to ultimately biodegrade.

Biological oxygen demand	Not determined.
Chemical oxygen demand	Not determined.
12.3. Bio accumulative potential	Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.
Partition coefficient	Not determined.
12.4. Mobility in soil	The product is non-volatile, insoluble in water, and will spread on the water surface.
Henry's law constant	Not determined.
12.5. Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Endocrine disrupter properties	No data available.
12.7. Other adverse effects	No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Legislation addressing waste disposal requirements may differ by country, state and/or territory; each user must refer to laws operating in their area, as certain wastes must be tracked in some regions. A common hierarchy of controls to investigate is: reduction, reuse, recycling, and disposal (if all else fails). This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If contaminated, it may be possible to reclaim the product by filtration, distillation or other means. Shelf-life considerations should also be applied, noting that material properties may change in use and recycling or reuse may not always be appropriate.

Waste treatment options	Not available
Sewage disposal options	Not available

SECTION 14 TRANSPORT INFORMATION

	Land transport (ADR/RID)	**Inland waterway transport (ADN)**	**Sea transport (IMDG)**	**Air transport (ICAO-TI/IATA-DGR)**
14.1 UN No.	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.3 Transport hazard class(es)	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Hazard label(s)	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.4 Packing group	Not Applicable	Not Applicable	Not Applicable	Not Applicable
14.5 Environmental hazards	Not Applicable	Not Applicable	Not Applicable	Not Applicable

14.6. Special precaution for user: Transport within the user's premises should always be in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code – Not Applicable.

SECTION 15 REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture

- European Customs Inventory of Chemical Substances ECICS (English).
- European Union – European Inventory of Existing Commercial Chemical Substances EINECS (English).
- International Agency for Research on Cancer (IARC) – Agents Classified by the IARC Monographs.
- EU REACH Regulation (EC) No 1907/2006 – Annex IV – Exemptions from the Obligation to Register in accordance with Article 2(7)(a).
- EU European Chemicals Agency (ECHA) Community Rolling Action Plan (CoRAP) List of Substances.
- UK Workplace Exposure Limits (WELs).

Annex XIV – List of substances subject to authorization / Substances of Very High Concern: None of the components are listed.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

Conforms to Regulation (EC) No. 1907/2006 REACH, Annex II, as amended by Commission Regulation (EU) 2015/830.

Signal word	No Signal Word
Hazard statements	Not Applicable
Precautionary Statements	Not applicable. According to EC regulations, this product is not classified or labeled.

15.2. Chemical Safety Assessment – Inventory Status

Country(s) or Region	Inventory Name	On Inventory (Yes/No)
Australia	Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	Inventory	Yes
Philippines	Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

Note: "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s). "No" indicates that one or more components of the product are not listed or are exempt from listing on the inventory administered by the governing country(s).

SECTION 16 OTHER INFORMATION

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review, using available literature references.

This (M)SDS is a hazard communication tool and should be used to assist in risk assessment. Many factors determine whether the reported hazards are risks in the workplace or other settings; risks may be determined by reference to exposure scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN standards:

- EN 166 Personal eye protection
- EN 340 Protective clothing
- EN 374 Protective gloves against chemicals and micro-organisms
- EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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