

**MATERIAL SAFETY DATA SHEET**

Product Name: Liquid paraffin heavy

CAS No.: 8012-95-1

Version: 0

**1. Identification**

**Product Code** : 90443  
**Company Name** : Advent Chembio Private Limited  
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**Company Phone Number** : 022-27690837

**2. Composition/Information on Ingredients**

Ingredient	CAS No	Percent
LIQUID PARAFFIN HEAVY	8012-95-1	60-100%

**3. Hazards Identification****Hazard classification****Health hazards**

Aspiration hazard : Category 1

**Environmental hazards**

Chronic hazards to the aquatic environment : Category 4

**Labels elements****Hazard symbol****Signal word** : Danger**Hazard statement** : May be fatal if swallowed and enters airways.  
May cause long lasting harmful effects to aquatic life.**Precautionary statement****Prevention** : Avoid release to the environment.**Response**

: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**Storage**

: Store locked up.

**Disposal**

: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**MATERIAL SAFETY DATA SHEET****Product Name:** Liquid paraffin heavy**CAS No.:** 8012-95-1**Version:** 0**Other hazards which do not result in GHS classification** : None.**4. First Aid Measures**

- General information** : Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand.
- Ingestion** : Do NOT induce vomiting. Rinse mouth. Call a physician or poison control center immediately.
- Inhalation** : Move to fresh air. Get medical attention if symptoms persist.
- Skin contact** : Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.
- Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Most important symptoms/effects, acute and delayed** : May cause irritation to skin, eyes, and respiratory tract.
- Indication of immediate medical attention and special treatment needed** : Treat symptomatically. Symptoms may be delayed.

**5. Fire fighting measures**

- General fire hazards** : No data available.
- Suitable (and unsuitable) extinguishing media**
- Suitable extinguishing media** : Water spray, fog, CO2, dry chemical or alcohol resistant foam.
- Unsuitable extinguishing media** : Avoid water in straight hose stream; will scatter and spread fire.
- Specific hazards arising from the chemical** : During fire, gases hazardous to health may be formed.
- Special protective equipment and precautions for firefighters**
- Special fire fighting procedures** : Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Cool containers exposed to flames with water until well after the fire is out.
- Special protective equipment for fire-fighters** : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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## 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures** : Keep unauthorized personnel away. Use personal protective equipment. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- Methods and material for containment and cleaning up** : Remove sources of ignition. Absorb in vermiculite, dry sand or earth and place into containers. Dike far ahead of larger spill for later recovery and disposal.
- Notification Procedures** : Inform authorities if large amounts are involved. Prevent runoff from entering drains, sewers, or streams.
- Environmental precautions** : Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## 7. Handling and Storage

- Precautions for safe handling** : Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.
- Conditions for safe storage, including any incompatibilities** : Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

## 8. Exposure Controls Personal Protection

### Control parameters

### Occupational exposure limits

Chemical identity	Type	Exposure Limit values	Source
OIL, MINERAL - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (2011)
OIL, MINERAL - Mist.	REL	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	STEL	10 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air

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			Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	5 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
OIL, MINERAL - Vapor.	ST ESL	1,000 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (12 2010)
OIL, MINERAL - Particulate	ST ESL	50 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (12 2010)
OIL, MINERAL - Vapor.	AN ESL	100 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (12 2010)
OIL, MINERAL - Particulate	AN ESL	5 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (12 2010)
OIL, MINERAL - Mist.	TWA PEL	5 µg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)

**Appropriate engineering controls** : No data available.

**Individual protection measures, such as personal protective equipment**

**General information** : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof ventilation equipment.

**Eye/face protection** : Wear safety glasses with side shields (or goggles).

**Hand protection** : Wear protective gloves.

**Other** : Wear suitable protective clothing and gloves.

**Respiratory protection** : If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Hygiene measures** : Provide eyewash station and safety shower. Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before reuse.

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<b>Appearance</b>	:	Amber Liquid
<b>Odor</b>	:	Odorless
<b>pH</b>	:	No data available.
<b>Melting point/freezing point</b>	:	No data available.
<b>Initial boiling point and boiling range</b>	:	260 °C
<b>Flash Point</b>	:	135 °C
<b>Vapor pressure</b>	:	No data available.
<b>Vapor density</b>	:	No data available.
<b>Relative density</b>	:	0.85 (20 °C)
<b>Solubility in water</b>	:	Insoluble in water
<b>Solubility (other)</b>	:	No data available.
<b>Formula</b>	:	N/A
<b>Molecular Weight</b>	:	N/A

**10. Stability and Reactivity**

<b>Reactivity</b>	:	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	:	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	:	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	:	Heat, sparks, flames.
<b>Incompatible materials</b>	:	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

**11. Toxicological Information****Information on likely routes of exposure**

<b>Ingestion</b>	:	Harmful if swallowed - may enter lungs if swallowed or vomited.
<b>Inhalation</b>	:	May cause irritation to the respiratory system.
<b>Skin contact</b>	:	May cause irritation.
<b>Eye contact</b>	:	May irritate eyes.

**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)**

<b>Oral Product</b>	:	No data available.
<b>Dermal Product</b>	:	No data available.
<b>Inhalation Product</b>	:	No data available.
<b>Repeated dose toxicity Product</b>	:	No data available.
<b>Skin corrosion/irritation Product</b>	:	May cause skin irritation.
<b>Serious eye damage/eye irritation</b>	:	May irritate eyes.

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- Respiratory or skin sensitization Product** : Not a skin sensitizer.
- Carcinogenicity Product** : This substance has no evidence of carcinogenic properties.
- IARC Monographs on the Evaluation of Carcinogenic Risks to Humans DIOXANE** : No carcinogenic components identified
- US. National Toxicology Program (NTP) Report on Carcinogens DIOXANE** : No carcinogenic components identified
- US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050** : No carcinogenic components identified
- Germ cell mutagenicity**
- In vitro Product** : No data available.
- In vivo Product** : No data available.
- Reproductive toxicity Product** : No data available.
- Specific target organ toxicity - single exposure Product** : None known.
- Specific target organ toxicity - repeated exposure Product** : None known.
- Aspiration hazard Product** : May be fatal if swallowed and enters airways.
- Other effects** : None known.

**12. Ecological Information****Ecotoxicity****Acute hazards to the aquatic environment :**

- Fish Product** : No data available.
- Aquatic invertebrates Product** : No data available

**Chronic hazards to the aquatic environment :**

- Fish Product** : No data available.
- Aquatic invertebrates Product** : No data available.
- Toxicity to Aquatic Plants Product:** : No data available.

**Persistence and degradability**

- Biodegradation Product** : The product is not expected to be biodegradable.
- BOD/COD ratio Product** : No data available.

**Bioaccumulative potential**

- Bioconcentration factor (BCF) Product** : No data available on bioaccumulation.

**Product**

- Partition coefficient n-octanol / water (log Kow) Product** : No data available.

- Mobility in soil** : The product is insoluble in water and will spread on the water surface.

- Other adverse effects** : May cause long lasting harmful effects to aquatic life.

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## 13. Disposal consideration

**Disposal instructions** : Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated packaging** : Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>			Not regulated.		
<b>IMDG</b>			Not regulated.		
<b>IATA</b>			Not regulated.		

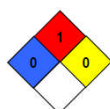
## 15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
 No Data Available.

## 16. Other Information

### NFPA Hazard ID



■ Flammability  
■ Health  
■ Reactivity  
■ Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

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