

LIQUID PARAFFIN (WHITE OIL)

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:	Liquid Paraffin (White Oil)
CAS Number:	8012-95-1
EC Number:	232-384-2

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

Product use:	Chemical production, analytical chemistry, laboratory synthesis, industrial applications.
Substance uses advised against:	The product should not be used in ways other than those referred in Section 1.

1.3 Details of the supplier of the safety data sheet

Company name:	East Harbour Group Ltd 20 Clough Road, Severalls Industrial Park Colchester, Essex, CO4 9QS United Kingdom
Telephone:	+44 (0) 333 242 0100
Email:	info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone:	0800 246 1274
----------------------	---------------

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Classification of the substance in accordance with Regulations (EC) No 1272/2008

The substance is classified as dangerous.

Eye Irrit. 2 H319

Full text of all classifications and hazard statements is given in section 16.

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

2.2 Label elements

Hazard pictogram



Signal word
Dangerous substance

Warning
Paraffin liquid (EC: 232-384-2; CAS: 8012-95-1)

LIQUID PARAFFIN (WHITE OIL)

Hazard statements

H319

Causes serious eye irritation.

Precautionary statements

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other Hazards

Substance does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

Section 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

The substance specified below.

Identification numbers	Substance name	Contents in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS 8012-95-1 EC 232-384-2	Substance main component Paraffine Liquid	100	Eye Irrit. 2, H319	

Full text of all classifications and hazard statements is given in section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show them the information from this safety data sheet.

If inhaled: Terminate the exposure immediately; move the affected person to fresh air.

If on skin: Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes: Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialised if possible.

If swallowed: DO NOT INDUCE VOMITING! Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

4.2 Most important symptoms and effects, both acute and delayed

If inhaled: Not expected.

If on skin: Not expected.

If in eyes: Causes serious eye irritation.

If swallowed: Irritation, nausea.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

LIQUID PARAFFIN (WHITE OIL)

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media: Water – full jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3 Advice for firefighters

Self-contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment for work. Follow the instructions in Section 7 and 8. Prevent contact with skin and eyes.

6.2 Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3 Methods and material for containment and cleaning up

Place the product mechanically in an appropriate manner. Dispose of the collected material according to the instructions in section 13.

6.4 Reference to other sections

See section 7,8 and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per section 8. Observe valid legal regulations on safety and health protection.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry, and well-ventilated areas designated for this purpose.

7.3 Specific end use(s)

Not available

Section 8: Exposure controls/personal protection

LIQUID PARAFFIN (WHITE OIL)

8.1 Control parameters

None

8.2 Exposure controls /

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

It is not needed.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see section 6.2.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	
Physical state	liquid at 20°C
Colour	Colourless
Odour	without fragrance
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	215°C
Evaporation rate	data not available
Flammability (solid, gas)	flammable
Upper/lower flammability or explosive limits	
Flammability limits	data not available
Explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
Solubility in water	data not available
Solubility in fats	data not available
Partition coefficient: n-octanol water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	the product has no oxidizing properties

9.2 Other information

Density	data not available
---------	--------------------

LIQUID PARAFFIN (WHITE OIL)

Ignition temperature

data not available

Section 10: Stability and Reactivity

10.1 Reactivity

The substance is non-flammable.

10.2 Chemical Stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

Unknown.

10.4 Conditions to avoid

The product is stable, and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5 Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6 Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

Section 11: Toxicological Information

11.1 Information on toxicological effects.

No toxicological data is available for the substance.

Acute toxicity

Based on available data the classification criteria are not met.

Paraffine liquid

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	22000 mg/kg		Mouse	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ – single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ – repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

LIQUID PARAFFIN (WHITE OIL)

Section 12: Ecological Information

12.1 Toxicity

Acute toxicity

Based on available data the classification criteria are not met.

Paraffin liquid

Parameter	Value	Time of exposure	Species	Environment
LC50	>100 mg/kg	96 hours		

12.2 Persistence and degradability

Data not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6 Other adverse effects

Not available

Section 13: Disposal considerations

13.1 Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialised company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

Decision 2000/532/EC establishing a list of wastes, as amended.

Section 14: Transport Information

14.1 UN number

Not subject to ADR

14.2 UN proper shipping name

Not available

LIQUID PARAFFIN (WHITE OIL)

14.3 Transport hazard class(es)

Not available

14.4 Packing group

Not available

14.5 Environmental hazards

Not available

14.6 Special precautions for user

Reference in Sections 4 to 8

14.7 Transport in bulk according to Annex II or Marpol and the IBC Code

Not available

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemical (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulations (EC) No. 1907/2006, as amended.

15.2 Chemical safety assessment

Not available

Section 16: Other Information

A list of standard risk phrases used in the safety data sheet.

H319 Causes serious eye irritation