



Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name Illuminating Paraffin
Synonyms Lamp Oil, Illuminating Kerosine

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

Use Component of heating fuels. Industrial use.

Manufacturer or supplier's details

Company Sasol Oil Pty (Ltd)
Address Sasol Place, 50 Katherine Street
Sandton
2090
South Africa
Telephone +27860335444
E-mail address sasolchem.info.sa@sasol.com
Emergency telephone number South Africa: 0800 11 28 90; International: +27 17 610 4444

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Flammable liquids	Category 3
	Aspiration hazard	Category 1
	Specific target organ toxicity - single exposure	Category 3
	Specific target organ toxicity - repeated exposure	Category 1
	Long-term (chronic) aquatic hazard	Category 2

Label elements

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Hazard pictograms :



Signal word :

Danger

Hazard statements :

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.
- P261 Avoid breathing mist or vapours.
- P271 Use only outdoors or in a well-ventilated area.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Response	<p>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P370+ P378 In case of fire: Use Dry chemical, CO2, Water spray or fire-fighting foam to extinguish</p> <p>P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.</p> <p>P331 Do NOT induce vomiting.</p> <p>P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P312 Call a POISON CENTER or doctor/ physician if you feel unwell.</p> <p>P391 Collect spillage.</p>
Storage	<p>P403 + P235 Store in a well-ventilated place. Keep cool.P405 Store locked up.</p>
Disposal	<p>P501 Dispose of contents/ container to an approved waste disposal plant.</p>

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3. Composition/information on ingredients

Substance

Kerosine (Fischer Tropsch), C7 - C16 with alkylarom

Contents: 100.00 %W/W

CAS-No. 2243403-81-6

Index-No.

EC-No.

Hazard statements *H226 H304 H336 H372 H411*

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray. Dry powder Foam
Special hazards arising from the substance or mixture	Flash back possible over considerable distance.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Personal precautions	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
Environmental precautions	Should not be released into the environment. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment.
Advice on protection against fire and explosion	Keep away from heat and sources of ignition. Use explosion-proof equipment.
Requirements for storage areas and containers	Keep containers tightly closed in a dry, cool and well-ventilated place.
Advice on common storage	No data available

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

equipment.

Hand protection	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
Eye protection	Safety glasses with side-shields
Skin and body protection	Protective suit Safety shoes.
Hygiene measures	Wash hands before breaks and immediately after handling the product.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Clear to light yellowish brown
Odour	hydrocarbon-like Petroleum
Odour Threshold	No data available
pH	No data available
Pour point	< 0 ° C
Boiling point/boiling range	150 - 280 ° C
Flash point	40 - 60 ° C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Explosive properties	
Vapour pressure	No data available
Relative vapour density	No data available
Density	0.749 - 0.775 g/cm ³ ; 20 ° C
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	1 mm ² /s; 40 ° C



SASOL

Safety Data Sheet

ILLUMINATING PARAFFIN

Version 1.00

Revision Date 07.01.2021

SECTION 10. Stability and reactivity

Reactivity	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
Chemical stability	No data available
Possibility of hazardous reactions	Finely dispersed particles form explosive mixtures with air. Reacts with the following substances: Strong acids and oxidizing agents
Conditions to avoid	Do not store next to heat source, in direct sunlight, or elevated storage temperature. Always close the lid.
Materials to avoid	Oxidizing agents. Reducing agents.
Hazardous decomposition products	No data available

SECTION 11. Toxicological information

Acute oral toxicity	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): LD50 Rat: 15,000 mg/kg; OECD Test Guideline 401; (literature value)
Acute inhalation toxicity	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): LC50 Rat: 4 h; 13.1 mg/l; OECD Test Guideline 403; (literature value)
Skin irritation	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): No significant adverse effects were reported Information taken from reference works and the literature.
Eye irritation	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): No significant adverse effects were reported, Not irritating, Information taken from reference works and the literature.
Repeated dose toxicity	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Repeated dose toxicity

Oral Rat; female; 90-day; NOAEL Early embryonic development 1,056 mg/kg OECD Guideline 408; Information taken from reference works and the literature.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):

Dermal Rat; male and female; 90-day; NOAEL Early embryonic development 495 mg/kg OECD Test Guideline 411; Information taken from reference works and the literature.

SECTION 12. Ecological information

Toxicity to fish	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): semi-static test; Oncorhynchus mykiss; 4 d; LL50; 10 - 100 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to fish	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): semi-static test; Oncorhynchus mykiss; 72 h; LL50; 10 - 100 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to fish	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): semi-static test; Oncorhynchus mykiss; 48 h; LL50; 10 - 1,000 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to fish	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): semi-static test; Oncorhynchus mykiss; 24 h; LL50; 30 - 1,000 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to daphnia and other aquatic invertebrates	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): static test; Daphnia magna; 48 h; EL50; 10 - 22 mg/l(literature value)
Toxicity to daphnia and other aquatic invertebrates	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): static test; Daphnia magna; 24 h; EL50; 22 - 46 mg/l(literature value)



Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Toxicity to algae	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): static test; Pseudokirchneriella subcapitata (green algae)4 d; EL50; 2.5 - 5.5 mg/l; OECD Test Guideline 201; (literature value)
Biodegradability	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): aerobic; Activated sludge, domestic, non-adapted; 74.7 %; 28 d; Readily biodegradable.; OECD Guideline 301 F; (literature value)

SECTION 13. Disposal considerations

Product	Dispose of as special waste in compliance with local and national regulations.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information

ADR	
UN number:	1223
Class:	3
Packaging group:	III; F1;
Proper shipping name:	KEROSENE
RID	
UN number:	1223
Class:	3
Packaging group:	III; F1
Proper shipping name:	KEROSENE
ADNR	
UN number:	1223

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Class:	3
Packaging group:	III; F1
Proper shipping name:	KEROSENE
IMDG	
UN number:	1223
Class:	3
EmS:	F-E, S-E
Packaging group:	III
Proper shipping name:	KEROSENE
ICAO/IATA	
UN number :	1223
Class:	3
Packaging group:	III
Proper shipping name:	KEROSENE

SECTION 15. Regulatory information

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

Canada. DSL - Domestic Substances List, part of CEPA	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Australia. AICS - Australian Inventory of Chemical Substances	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
New Zealand Inventory of Chemical Substances	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Japan. ENCS - Existing and New Chemical Substances Inventory	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Japan. Industrial Safety and Health Law - Inventory	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Korea. KECI - Korean Existing Chemicals Inventory	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Philippines. PICCS - Philippines Inventory of	Components Not listed

Safety Data Sheet

Illuminating Paraffin

Version 1.00

Revision Date 07.01.2021

Chemicals and Chemical Substances	Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
China. IECSC - Inventory of Existing Chemical Substances in China	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
USA TSCA Inventory	Components Not listed Kerosine (Fischer-Tropsch), C7-16 with alkylarom.

SECTION 16. Other information

Full text of H-Statements

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H336 May cause drowsiness or dizziness.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which this product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place with respect to health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of this product.

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