



## Safety Data Sheet

### Turposol

Version 1.06

Revision Date 24.03.2021

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

##### Product identifier

Trade name	Turposol
Synonyms	Lamp Oil, Illuminating Kerosine.
Product code	7883

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

Use	Component of heating fuels. Industrial use.
Uses advised against	Use only in area provided with appropriate exhaust ventilation.

##### Manufacturer or supplier's details

Company	Sasol Chemicals, a division of Sasol South Africa Ltd
Address	Sasol Place, 50 Katherine Street Sandton 2090 South Africa
Telephone	+27103445000
E-mail address	sasolchem.info.sa@sasol.com
Emergency telephone	+44 (0)1235 239 670 (Europe, Israel, Africa, Americas) +44(0)1235 239 671 (Middle East, Arabic African countries) +65 3158 1074 (Asia Pacific) +86 400 120 6011 (China) +27 (0)17 610 4444 (South Africa) 0800 112 890 RSA-Local only +61 (2) 8014 4558 (Australia)

#### SECTION 2. Hazards identification

##### Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Flammable liquids	Category 3
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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

#### REGULATION (EC) No 1272/2008

Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

- H226 Flammable liquid and vapor.
- 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



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#### Prevention

- P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- 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.
- P261 Avoid breathing mist or vapors.
- 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.

#### Response

- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P370+ P378 In case of fire: Use Dry chemical, CO2, Water spray or fire-fighting foam to extinguish
- P331 Do NOT induce vomiting.
- P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
- P391 Collect spillage.

#### Storage

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

#### Disposal

- P501 Dispose of contents/ container to an approved waste disposal plant.

#### 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.



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#### SECTION 3. Composition/Information on Ingredients

##### Substance

Kerosine (Fischer-Tropsch), C7-16 with alkylarom.

Contents: 100.00 %W/W

CAS-No. 2243403-81-6

Index-No.

EC-No.

Hazard Statements *H226 H304 H336 H372 H411*



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#### SECTION 4. First aid measures

##### Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapors. 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

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

#### SECTION 7. Handling and storage

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

#### SECTION 8. Exposure controls/personal protection

##### Ingredients 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

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
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<b>Hand protection</b>	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Protective suit Safety shoes
<b>Hygiene measures</b>	Wash hands before breaks and immediately after handling the product.

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid; at 20 ° C; 1,013 hPa
<b>Color</b>	Clear to light yellowish brown
<b>Odor</b>	hydrocarbon-like Petroleum
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Pour point</b>	< 0 ° C
<b>Boiling point/boiling range</b>	150 - 280 ° C
<b>Flash point</b>	40 - 60 ° C; closed cup
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition</b>	No data available
<b>Temperature</b>	
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative vapor density</b>	No data available
<b>Density</b>	0.749 - 0.775 g/cm <sup>3</sup> ; 20 ° C
<b>Water solubility</b>	Insoluble
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Viscosity, kinematic</b>	1 mm <sup>2</sup> /s; 40 ° C



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#### SECTION 10. Stability and reactivity

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

#### SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): LD50 Rat: 15,000 mg/kg; OECD Test Guideline 401; (literature value)
<b>Acute inhalation toxicity</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): LC50 Rat: 4 h; 13.1 mg/l; OECD Test Guideline 403; (literature value)
<b>Skin irritation</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): No significant adverse effects were reported Information taken from reference works and the literature.
<b>Eye irritation</b>	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.
<b>Repeated dose toxicity</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): Oral Rat; female; 90-day; Early embryonic development



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**Repeated dose toxicity** 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; Early embryonic development 495 mg/kg OECD Test Guideline 411; Information taken from reference works and the literature.

#### SECTION 12. Ecological information

<b>Toxicity to fish</b>	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)
<b>Toxicity to fish</b>	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)
<b>Toxicity to fish</b>	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)
<b>Toxicity to fish</b>	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)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): static test; Daphnia magna; 48 h; EL50; 10 - 22 mg/l(literature value)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%): static test; Daphnia magna; 24 h; EL50; 22 - 46 mg/l(literature value)
<b>Toxicity to algae</b>	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics,



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#### Biodegradability

aromatics (2-25%):

static test; Pseudokirchneriella subcapitata (green algae) 4 d;  
EL50; 2.5 - 5.5 mg/l; OECD Test Guideline 201; (literature  
value)

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

#### DG Pictogram



#### ADR

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

#### RID

UN number: 1223  
Class: 3



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Packaging group:	III; F1
Proper shipping name:	KEROSENE
ADNR	
UN number:	1223
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
Marine pollutant	
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 -

**Components Not listed**



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<b>Inventory</b>	Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
<b>Korea. KECI - Korean Existing Chemicals Inventory</b>	<b>Components Not listed</b> Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
<b>Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances</b>	<b>Components Not listed</b> Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
<b>China. IECSC - Inventory of Existing Chemical Substances In China</b>	<b>Components Not listed</b> Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
<b>Taiwan. Chemical Substances Inventory (TCSI)</b>	<b>Components Not listed</b> Kerosine (Fischer-Tropsch), C7-16 with alkylarom.
<b>USA TSCA Inventory</b>	<b>Components Not listed</b> Kerosine (Fischer-Tropsch), C7-16 with alkylarom.

## SECTION 16. Other information

### Full text of H-Statements

- H226 Flammable liquid and vapor.  
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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