



Safety Data Sheet

GTL Naphtha

Version 1.00

Revision Date 07.04.2022

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

Product identifier

Trade name GTL Naphtha

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

Use Chemical feedstock

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 1
	Skin irritation	Category 2
	Aspiration hazard	Category 1
	Reproductive toxicity	Category 2
	Specific target organ toxicity - single exposure	Category 3
	Specific target organ toxicity - repeated exposure	Category 2
	Short-term (acute) aquatic hazard	Category 1
	Long-term (chronic) aquatic hazard	Category 1

Label elements

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REGULATION (EC) No 1272/2008

Hazard pictograms



Signal word

:

Danger

Hazard statements

- :
- H224 Extremely flammable liquid and vapour.
 - H315 Causes skin irritation.
 - H304 May be fatal if swallowed and enters airways.
 - H361 Suspected of damaging fertility or the unborn child.
 - H336 May cause drowsiness or dizziness.
 - H373 May cause damage to organs through prolonged or repeated exposure.
 - H400 Very toxic to aquatic life.
 - H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

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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.
- P264 Wash hands thoroughly after handling.
- P261 Avoid breathing mist or vapours or spray.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.

Response

- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P370+ P378 In case of fire: Use Dry chemical, CO2, Water spray or fire-fighting foam to extinguish
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P331 Do NOT induce vomiting.
- P318 If exposed or concerned, get medical advice.
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P319 Get medical help if you feel unwell.
- P391 Collect spillage.

Storage

- P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- P405 Store locked up.

Disposal

- P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

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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

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

Contents: 100.00 %W/W

CAS-No. 848301-65-5

Index-No.

EC-No.

Hazard statements *H224 H315 H304 H361 H336 H373 H400*

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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 vapours. If symptoms persist, call a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Prevent vomiting if possible.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Dry chemical. Carbon dioxide. Foam. Large fire: Water spray, fog or fire-fighting foam
Special hazards arising from the substance or mixture	Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Vapours are heavier than air and may spread along floors. Fight fire remotely due to risk of explosion.
Special protective equipment for firefighters	An approved positive pressure self-contained breathing apparatus must be worn.

SECTION 6. Accidental release measures

Personal precautions	Immediately evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
Environmental precautions	Do not allow product/runoff from fire or spillage control to enter

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sewers, drains or watercourses. Should not be released into the environment. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Absorb with sand or other non-combustible absorbent material and place into compatible containers for disposal.

Reference to other sections Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice Wear personal protective equipment. Avoid contact with skin and eyes.

Advice on protection against fire and explosion Take measures to prevent the build up of electrostatic charge.

Requirements for storage areas and containers Keep containers tightly closed in a cool, well-ventilated place.

Advice on common storage Keep in a cool, well-ventilated place.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

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 equipment.

Hand protection Gloves suitable for permanent contact:

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	Material: butyl-rubber
	Break through time: 4 h
	Material thickness: 0.5 mm
Eye protection	If splashes are likely to occur, wear: Safety glasses with side-shields.
Skin and body protection	Safety shoes. Protective suit.
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	Colourless
Odour	Hydrocarbon-like
Odour Threshold	No data available.
Melting point/range	No data available.
Boiling point/boiling range	30 - 210 ° C
Flash point	< -10 ° C; closed cup
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	256 ° C
Lower explosion limit	1 %(V)(literature value)
Upper explosion limit	5 %(V)(literature value)
Vapour pressure	70 kPa
Relative vapour density	No data available.
Density	0.67 - 0.70 g/cm ³ ; 15 ° C
Water solubility	Immiscible

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable
Possibility of hazardous reactions	Vapours may form explosive mixture with air.

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Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides

SECTION 11. Toxicological information

Acute oral toxicity	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes: LD50 Rat: > 5,000 g/kg;
Acute dermal toxicity	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes: LD50 Rabbit: > 2,000 g/kg;
Further Information	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes:

SECTION 12. Ecological information

Toxicity to daphnia and other aquatic invertebrates	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes: Daphnia magna; 48 h; LC50; 2 mg/l
Toxicity to algae	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes: Scenedesmus quadricauda; 72 h; EC50; 13 mg/l;
Biodegradability	Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes: Expected to be biodegradable

SECTION 13. Disposal considerations

Product	Disposal should be in accordance with local, regional and national legislations.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

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SECTION 14. Transport information

DG Pictogram



ADR

UN number: 1268
Class: 3
Packaging group: I; F1;
Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
 (Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear)

RID

UN number: 1268
Class: 3
Packaging group: I; F1
Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
 (Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear)

ADNR

UN number: 1268
Class: 3
Packaging group: I; F1
Proper shipping name: PETROLEUM DISTILLATES, N.O.S.
 (Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear)

IMDG

UN number: 1268
Class: 3
EmS: F-E, S-E

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Packaging group:	I
Proper shipping name:	PETROLEUM DISTILLATES, N.O.S. (Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear)
Marine pollutant	Marine pollutant
ICAO/IATA	
UN number :	1268
Class:	3
Packaging group:	I
Proper shipping name:	PETROLEUM DISTILLATES, N.O.S. (Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear)

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 Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes
Australia. AICS - Australian Inventory of Chemical Substances	Components Not listed Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes
New Zealand Inventory of Chemical Substances	Components Not listed Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes
Japan. ENCS - Existing and New Chemical Substances Inventory	Components Not listed Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes
Japan. Industrial Safety and Health Law - Inventory	Components Not listed Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

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Korea. KECI - Korean Existing Chemicals Inventory**Components Not listed**

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances**Components Not listed**

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

China. IECSC - Inventory of Existing Chemical Substances in China**Components Not listed**

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

Taiwan. Chemical Substances Inventory (TCSI)**Components Not listed**

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

USA TSCA Inventory**Components Not listed**

Naphtha (Fischer-Tropsch), light, C4 - C10 branched and linear alkanes

SECTION 16. Other information**Full text of H-Statements**

- H224 Extremely flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.

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



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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.

Although all reasonable efforts were exercised in the compilation of this SDS, Sasol does not expressly warrant the accuracy of, or assume any liability for incomplete information contained herein or any advice given. When this product is sold, risk passes to the purchaser in accordance with the specific terms and conditions of sale.