



Safety Data Sheet

Synthetic Lithium Complex HT 2

Version 1.01

Revision Date 11.04.2023

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

Product identifier

Trade name

Synthetic Lithium Complex HT 2

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

Use

Lubricant or lubricant additive

Manufacturer or supplier's details

Company

Sasol Oil Pty (Ltd)

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Sandton
2090
South Africa

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SECTION 2. Hazards identification



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Classification of the substance or mixture

South Africa. GHS Classification and Labelling of Chemicals - SANS 10234

Classification	This substance is not classified as hazardous according to GHS.
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Label elements

Pictogram	Not applicable
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Signal word	Not applicable
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Hazard statements	This substance is not classified as hazardous according to GHS.
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Precautionary statements

Prevention	This substance is not classified as hazardous according to GHS.
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Response	This substance is not classified as hazardous according to GHS.
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Storage	This substance is not classified as hazardous according to GHS.
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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	No data available
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SECTION 3. Composition/information on ingredients

Mixture

Highly refined mineral oils and additives

Contents: 100.00 %W/W

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CAS-No.

Index-No.

EC-No.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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. If breathing is difficult, give oxygen. Get medical attention/advice if you feel unwell.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
Eye contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

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Suitable extinguishing media	Water spray, Foam, CO ₂ , Dry powder.
Special hazards arising from the substance or mixture	Under conditions of continuous exposure to heat, may burn. Under extreme conditions (e.g. confinement) could lead to detonation. Nitrogen oxides (NO _x) and carbon oxides are produced during combustion.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions	Use personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Disposal and clean up may only be done by authorised personnel.
Reference to other sections	Refer to Section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Ensure
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adequate ventilation. Keep away from flames and sparks.

Advice on protection
against fire and explosion

No data available

Requirements for storage
areas and containers

Keep away from heat. Do not store near combustible materials.

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

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Gloves suitable for permanent contact:

Material: butyl-rubber

Break through time: 4 h

Material thickness: 0.5 mm

Eye protection

Safety goggles

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Skin and body protection	lightweight protective clothing
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	pasty
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Red
Odour	Odourless
Odour Threshold	No data available
pH	No data available
pourpoint	-10 ° C; ASTM D97
Flash point	> 240 ° C; ASTM D92
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto ignition temperature	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available

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Density	0.98 g/cm3
Water solubility	Insoluble, Immiscible
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	No data available

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Materials to avoid	Combustible material.
Hazardous decomposition products	No data available

SECTION 11. Toxicological information

Acute oral toxicity	No data available
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available



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Carcinogenicity	Mineral oils are severely solvent refined or hydrotreated.
Further Information	No toxicology information is available.

SECTION 12. Ecological information

Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data is available on the product itself.
Toxicity to algae	No data available
Other adverse effects	No information on ecology is available.

SECTION 13. Disposal considerations

Product	Dispose of as special waste in compliance to local, national and international regulations.
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SECTION 14. Transport information

Further Information	Not classified as dangerous in the meaning of transport regulations.
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SECTION 15. Regulatory information

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

Canadian Domestic Substances List (DSL)	Components Not listed
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	Highly refined mineral oils and additives
Australian Inv. of Chem. Substances (AICS)	Components Not listed Highly refined mineral oils and additives
New Zealand Inventory of Chemicals (NZIoC)	Components Not listed Highly refined mineral oils and additives
Jap. Inv. of Exist. & New Chemicals (ENCS)	Components Not listed Highly refined mineral oils and additives
Japan. Industrial Safety & Health Law (ISHL)	Components Not listed Highly refined mineral oils and additives
Korea. Existing Chemicals Inventory (KECI)	Components Not listed Highly refined mineral oils and additives
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Components Not listed Highly refined mineral oils and additives
China Inv. Existing Chemical Substances (IECSC)	Components Not listed Highly refined mineral oils and additives
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Highly refined mineral oils and additives
USA TSCA Inventory	Components Not listed Highly refined mineral oils and additives

SECTION 16. Other information

Full text of H-Statements.

This substance contains no components with H-statement.



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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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