



Safety Data Sheet

Syn Transmission Oil VI

Version 1.03

Revision Date 25.10.2022

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

Product identifier

Trade name

Syn Transmission Oil VI

Synonyms

Automatic Transmission Oil, ATF

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)

Address

Sasol Place, 50 Katherine Street
Sandton
2090
South Africa
+27860335444

Telephone

E-mail address

sasolchem.info.Rosebank@sasol.com

Emergency telephone number

+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 10 5100 3039 (China)

+27 (0)17 610 4444 (South Africa)

+61 (2) 8014 4558 (Australia)

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SECTION 2. Hazards identification

Classification of the substance or mixture

	Globally Harmonized System	
Classification	Aspiration toxicity	Category 1
Classification	Skin sensitisation	Category 1B

Label elements

Pictogram



Signal word Danger Warning

Hazard statements H304: May be fatal if swallowed and enters airways.
H317: May cause an allergic skin reaction.

Precautionary statements

Prevention P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.



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	P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves.
Response	P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P331: Do NOT induce vomiting. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P333 + P313: If skin irritation or rash occurs: Get medical advice/ attention. P362: Take off contaminated clothing and wash before reuse.
Storage	P405: Store locked up.
Disposal	Dispose of contents/container in accordance with local regulation.
Other hazards	No data available

SECTION 3. Composition/information on ingredients

Mixture

Base oils

Contents: 20.00 %W/W

CAS-No.	Index-No.	EC-No.
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Homopolymer

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Contents: <= 60.00 %W/W

CAS-No. 68037-01-4

Index-No.

EC-No.

Hazard statements *H304*

1-Decene, Polymer with 1-Octene and 1-Dodecene, Hydrogenated

Contents: <= 60.00 %W/W

CAS-No. 163149-28-8

Index-No.

EC-No.

Hazard statements *H304*

1-Dodecene, Polymer with 1-Decene, Hydrogenated

Contents: <= 60.00 %W/W

CAS-No. 151006-60-9

Index-No.

EC-No. 436-190-0

Hazard statements *H304*

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified

Contents: >= 2.00 - <= 4.00 %W/W

CAS-No. 64742-55-8

Index-No. 649-468-00-3

EC-No. 265-158-7

Hazard statements *H304*

Mineral oil

Contents: >= 2.00 - <= 4.00 %W/W

CAS-No.

Index-No.

EC-No.

Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11 branched alkyloxy) derivs., C10-rich

Contents: >= 1.00 - <= 2.00 %W/W

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CAS-No. 398141-87-2

Index-No.

EC-No.

Hazard statements *H411*

Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.

Contents: ≥ 0.20 - ≤ 1.00 %W/W

CAS-No. 866259-61-2

Index-No.

EC-No.

Hazard statements *H317*

Reaction products of Benzeneamine, N-phenyl- with nonene (branched)

Contents: ≥ 0.20 - ≤ 1.00 %W/W

CAS-No. 36878-20-3

Index-No.

EC-No. 253-249-4

1-(tert-Dodecylthio)propan-2-ol

Contents: ≥ 0.20 - ≤ 0.50 %W/W

CAS-No. 67124-09-8

Index-No.

EC-No. 266-582-5

Hazard statements *H400 H410 H317*

1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.

Contents: ≥ 0.20 - ≤ 1.00 %W/W

CAS-No. 897393-64-5

Index-No.

EC-No.

Hazard statements *H412 H317*

Dibutyl Hydrogen Phosphite

Contents: ≥ 0.20 - ≤ 1.00 %W/W

CAS-No. 1809-19-4

Index-No.

EC-No. 217-316-1

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Hazard statements *H319 H315*

Benzene, polypropene derivatives, sulfonated, calcium salts

Contents: ≥ 0.02 - ≤ 0.20 %W/W

CAS-No. 75975-85-8

Index-No.

EC-No.

Hazard statements *H317*

C14-18 alpha-olefin epoxide, reaction products with boric acid

Contents: ≥ 0.02 - ≤ 0.20 %W/W

CAS-No.

Index-No.

EC-No.

Hazard statements *H317*

Diphenylamine

Contents: ≥ 0.02 - ≤ 0.05 %W/W

CAS-No. 122-39-4

Index-No.

EC-No.

Hazard statements *H331 H311 H301 H373 H400 H410
H319*

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 symptoms persist, call a physician.

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Skin contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. For thermal burns, cool affected areas as quickly as possible by immersing in water. Consult a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. If burns occur, treat as thermal burns.
Ingestion	If swallowed, seek medical advice immediately and show this SDS. Do not induce vomiting. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. 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. Foam. Dry powder. Carbon dioxide (CO ₂).
Special hazards arising from the substance or mixture	Do not allow run-off from fire fighting to enter drains or water courses.
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

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SECTION 6. Accidental release measures

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	Prevent product from entering drains. 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	Ensure adequate ventilation. Do not breathe vapours or spray mist. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Wear personal protective equipment.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.
Requirements for storage areas and containers	Keep containers tightly closed in a cool, well-ventilated place.
Advice on common storage	Keep away from oxidizing agents, and acidic or alkaline products.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

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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 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 Safety shoes. Lightweight protective clothing. Use protective skin cream before handling the product.

Hygiene measures Wash hands 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

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Colour	Red
Odour Threshold	No data available
pour point	-50 ° C; ASTM D97
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Relative vapour density	No data available
Density	0.838 g/cm ³ ; 20 ° C; ASTM D4052
Water solubility	Immiscible, Insoluble
Viscosity, kinematic	36 mm ² /s; ASTM D 445

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Strong acids and oxidizing agents
Conditions to avoid	Keep away from open flames/hot surfaces. - No smoking.
Materials to avoid	Strong acids and oxidizing agents
Hazardous decomposition products	Carbon oxides. Hydrocarbons.

SECTION 11. Toxicological information

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Acute oral toxicity	Homopolymer: LD50 : 2,000 - 5,000 mg/kg;
Acute oral toxicity	1-Decene, Polymer with 1-Octene and 1-Dodecene, Hydrogenated: LD50 Rat: 2,000 - 5,000 mg/kg;
Acute oral toxicity	1-Dodecene, Polymer with 1-Decene, Hydrogenated: LD50 Rat: 2,000 - 5,000 mg/kg;
Acute oral toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: LD50 Oral Rat: 5,000 mg/kg;
Acute inhalation toxicity	Homopolymer: LC50 Rat: 4 h; 900 - 5,200 mg/l;
Acute inhalation toxicity	1-Decene, Polymer with 1-Octene and 1-Dodecene, Hydrogenated: LC50 Rat: 4 h; 900 - 5,200 mg/l;
Acute inhalation toxicity	1-Dodecene, Polymer with 1-Decene, Hydrogenated: LC50 Rat: 900 - 5,200 mg/l;
Acute inhalation toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: LC50 Rat: 4 h; 2.18 - 5.53 mg/l;
Acute dermal toxicity	Homopolymer: LD50 Rat: 2,000 mg/kg;
Acute dermal toxicity	1-Decene, Polymer with 1-Octene and 1-Dodecene, Hydrogenated: LD50 Rat: 2,000 mg/kg;
Acute dermal toxicity	1-Dodecene, Polymer with 1-Decene, Hydrogenated:

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	LD50 Rat: 2,000 mg/kg;
Acute dermal toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: LD50 Dermal Rabbit: 2,000 - 5,000 mg/kg;
Repeated dose toxicity	Homopolymer: Oral Rat; NOAEL 1,000 - 6,771 mg/kg
Repeated dose toxicity	1-Decene, Polymer with 1-Octene and 1-Dodecene, Hydrogenated: Oral Rat; NOAEL 1,000 - 9,771 mg/kg
Repeated dose toxicity	1-Dodecene, Polymer with 1-Decene, Hydrogenated: Oral Rat; NOAEL 1,000 - 6,771 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Oral Rat; NOAEL 125 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Rat; NOAEL 30 - 2,000 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Mouse; NOAEL 150 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Rabbit; NOAEL 1,000 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Mouse; LOAEL 100 mg/kg



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SECTION 12. Ecological information

Toxicity to fish

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified:

Fish; 4 d; LL50; 100 mg/l;

SECTION 13. Disposal considerations

Product

Dispose of in accordance with local regulations.

SECTION 14. Transport information

Further Information

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information

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

Registration, Evaluation and Authorisation of Chemicals (REACH)

Components Not listed

Long chain hydroxyalkylamine

USA TSCA Inventory

Components Not listed

Long chain hydroxyalkylamine

Canadian Domestic Substances List (DSL)

Components Not listed

Long chain hydroxyalkylamine

Australian Inv. of Chem. Substances (AICS)

Components Not listed

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	Long chain hydroxyalkylamine
New Zealand Inventory of Chemicals (NZIoC)	Components Not listed Long chain hydroxyalkylamine
Jap. Inv. of Exist. & New Chemicals (ENCS)	Components Not listed Long chain hydroxyalkylamine
Japan. Industrial Safety & Health Law (ISHL)	Components Not listed Long chain hydroxyalkylamine
Korea. Existing Chemicals Inventory (KECI)	Components Not listed Long chain hydroxyalkylamine
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Components Not listed Long chain hydroxyalkylamine
China Inv. Existing Chemical Substances (IECSC)	Components Not listed Long chain hydroxyalkylamine

SECTION 16. Other information

Full text of H-Statements

H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.



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- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful 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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