



Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

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

Product identifier

Trade name

Engine Oil Multigrade RI4 15W-40

Synonyms

Engine Oil, Multigrade Engine oil

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

Use

Lubricant or lubricant additive

Uses advised against

No data available

Manufacturer or supplier's details

Company

Sasol Oil Pty (Ltd)

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SECTION 2. Hazards identification

Classification of the substance or mixture

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification

This substance or mixture is not classified
as hazardous according to GHS.



Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

Label elements

Signal word : Not applicable

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

Mixture

Highly refined mineral oils and additives

Contents: ≥ 90.00 %W/W

CAS-No.	Index-No.	EC-No.
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Polyamine succinimide

Contents: ≥ 1.00 - ≤ 5.00 %W/W

CAS-No.	Index-No.	EC-No.
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Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt

Contents: ≥ 1.00 - ≤ 3.90 %W/W

CAS-No. 722503-69-7	Index-No.	EC-No.
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Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts

Contents: ≥ 1.00 - ≤ 2.40 %W/W

CAS-No. 68784-31-6	Index-No.	EC-No. 272-238-5
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Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

Calcium Alkaryl Sulfonate

Contents: ≥ 0.10 - ≤ 0.90 %W/W

CAS-No.

Index-No.

EC-No.

Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

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

Suitable extinguishing media	Water spray, Foam, CO2, 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 (NOx) 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
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Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

	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 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

Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

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
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	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	clear
Odour	Mild
Odour Threshold	No data available
pH	No data available
Pour point	-36 ° C; ASTM D97
Boiling point/boiling range	No data available
Flash point	230 ° C; ASTM D92
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	> 320 ° C
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Density	0.888 g/cm ³ ; ASTM D4052
Water solubility	Immiscible., Insoluble

Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	109 mm ² /s; ASTM D 445

SECTION 10. Stability and reactivity

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

SECTION 11. Toxicological information

Acute oral toxicity	No data available
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Skin irritation	No data available
Carcinogenicity	Mineral oils are severely solvent refined or hydrotreated.

SECTION 12. Ecological information

Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Toxicity to bacteria	No data available

SECTION 13. Disposal considerations

Product	Dispose of in accordance with local regulations.
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Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

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

Canada. DSL - Domestic Substances List,
part of CEPA

Components Not listed

Highly refined mineral oils and additives
Polyamine succinimide
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl
derivs., calcium salt
Calcium Alkaryl Sulfonate

Australia. AICS - Australian Inventory of
Chemical Substances

Components Not listed

Highly refined mineral oils and additives
Polyamine succinimide
Calcium Alkaryl Sulfonate

New Zealand Inventory of Chemical
Substances

Components Not listed

Highly refined mineral oils and additives
Polyamine succinimide
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl
derivs., calcium salt
Calcium Alkaryl Sulfonate

Japan. ENCS - Existing and New Chemical
Substances Inventory

Components Not listed

Highly refined mineral oils and additives
Polyamine succinimide
Benzenesulfonic acid methyl-, mono C20-26 branched alkyl
derivs., calcium salt
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Japan. Industrial Safety and Health Law -
Inventory

Components Not listed

Highly refined mineral oils and additives



Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

	Polyamine succinimide Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt Calcium Alkaryl Sulfonate
Korea. KECI - Korean Existing Chemicals Inventory	Components Not listed Highly refined mineral oils and additives Polyamine succinimide Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3- dimethylbutyl) esters, zinc salts Calcium Alkaryl Sulfonate
Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances	Components Not listed Highly refined mineral oils and additives Polyamine succinimide Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt Calcium Alkaryl Sulfonate
China. IECSC - Inventory of Existing Chemical Substances in China	Components Not listed Highly refined mineral oils and additives Polyamine succinimide Benzenesulfonic acid methyl-, mono C20-26 branched alkyl derivs., calcium salt Calcium Alkaryl Sulfonate
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Highly refined mineral oils and additives Polyamine succinimide Calcium Alkaryl Sulfonate
USA TSCA Inventory	Components Not listed Highly refined mineral oils and additives Polyamine succinimide Benzenesulfonic acid methyl-, mono C20-26 branched alkyl



Safety Data Sheet

Engine Oil Multigrade RI4 15W-40

Version 1.00

Revision Date 31.07.2019

derivs., calcium salt
Calcium Alkaryl Sulfonate

SECTION 16. Other information

Full text of H-Statements.

This substance contains no components with H-statement.

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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