



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

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

Product identifier

Trade name

Engine Oil Multigrade J4 15W-40

Synonyms

Multigrade Engine Oil

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.sa@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)

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification

Skin corrosion/irritation

Category 3

Label elements

Pictogram

Signal word

Warning

Hazard statements

H316: Causes mild skin irritation.

Precautionary statements

Prevention

No precautionary statement

Response

P332 + P313: If skin irritation occurs: Get medical advice/ attention.

Storage

No special storage conditions required.

Disposal

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

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

Other hazards

No data available

SECTION 3. Composition/information on ingredients

Mixture

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

Contents: ≤ 79.90 %W/W

CAS-No. 64742-54-7

Index-No. 649-467-00-8

EC-No. 265-157-1

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

Contents: ≤ 17.60 %W/W

CAS-No. 64742-55-8

Index-No. 649-468-00-3

EC-No. 265-158-7

Mineral Oil

Contents: ≥ 10.50 - ≤ 11.60 %W/W

CAS-No.

Index-No.

EC-No.

Polyamine succinimide

Contents: ≥ 4.41 - ≤ 5.14 %W/W

CAS-No.

Index-No.

EC-No.

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

Zinc alkyl dithiophosphate

Contents: ≥ 0.73 - ≤ 1.47 %W/W

CAS-No. 68649-42-3

Index-No.

EC-No.

Hazard statements *H315 H319*

Calcium branched chain alkyl phenate sulfide

Contents: ≥ 0.15 - ≤ 0.73 %W/W

CAS-No. 90480-91-4

Index-No.

EC-No.

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

Contents: ≥ 0.15 - ≤ 0.73 %W/W

CAS-No. 36878-20-3

Index-No.

EC-No. 253-249-4

Calcium Long Chain Alkaryl Sulfonate

Contents: ≥ 0.30 - ≤ 1.50 %W/W

CAS-No. 722503-69-7

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

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 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. |

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

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 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

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

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

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

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|----------------------------------------|--------------------------------------|
| State of matter | Liquid |
| Colour | Brown |
| Odour | Mild |
| Odour Threshold | No data available |
| pH | No data available |
| Pour point | -30 ° C; ASTM D97 |
| Flash point | 236 ° 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 |
| Density | 0.867 g/cm ³ ; ASTM D4052 |
| Water solubility | Emulsifiable |
| Partition coefficient: n-octanol/water | No data available |
| Viscosity, kinematic | 100 mm ² /s; ASTM D 445 |

SECTION 10. Stability and reactivity

| | |
|------------|---------------------------------|
| Reactivity | Stable under normal conditions. |
|------------|---------------------------------|

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|-------------------------------------------|-----------------------------------|
| 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 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rat: 5,000 mg/kg; |
| Acute oral toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: LD50 Oral Rat: 5,000 mg/kg; |
| Acute inhalation toxicity | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LC50 Rat: 4 h; 2.18 - 5.53 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 | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: |

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | LD50 Rabbit: 2,000 - 5,000 mg/kg; |
| Acute dermal toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: LD50 Dermal Rabbit: 2,000 - 5,000 mg/kg; |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Oral Rat; Lowest observed adverse effect level 125 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rat; NOAEL Early embryonic development 30 - 2,000 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Mouse; NOAEL Early embryonic development 150 mg/kg Lowest observed adverse effect level 100 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rabbit; NOAEL Early embryonic development 1,000 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Oral Rat; NOAEL Early embryonic development 125 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Rat; NOAEL Early embryonic development 30 - 2,000 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - |

Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| | unspecified: Dermal Mouse; NOAEL Early embryonic development 150 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Rabbit; NOAEL Early embryonic development 1,000 mg/kg |
| Repeated dose toxicity | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Dermal Mouse; Lowest observed adverse effect level 100 mg/kg |
| Carcinogenicity | Mineral oils are severely solvent refined or hydrotreated. |

SECTION 12. Ecological information

| | |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Toxicity to fish | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: 4 d; LL50; 100 mg/l; |
| Toxicity to fish | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified: Fish; 4 d; LL50; 100 mg/l; |
| Toxicity to daphnia and other aquatic invertebrates | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available |
| Toxicity to algae | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: |



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| | No data available |
| Toxicity to bacteria | Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available |

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

| | |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Canadian Domestic Substances List (DSL) | Components Not listed Mineral Oil Polyolefin polyamine succinimide, polyol Zinc alkyl dithiophosphate Long Chain Alkylphenol Calcium Salt Calcium Long Chain Alkaryl Sulfonate Calcium branched chain alkyl phenate sulfide Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts |
| Australian Inv. of Chem. Substances (AICS) | Components Not listed |



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

Distillates (petroleum), hydrotreated light paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium branched chain alkyl phenate sulfide

New Zealand Inventory of Chemicals (NZIoC)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

Jap. Inv. of Exist. & New Chemicals (ENCS)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), hydrotreated heavy paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

Japan. Industrial Safety & Health Law (ISHL)

Components Not listed



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), hydrotreated heavy paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

Korea. Existing Chemicals Inventory (KECI)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Mineral Oil
Polyolefin polyamine succinimide, polyol
Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

derivs., calcium salts

China Inv. Existing Chemical Substances (IECSC)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), hydrotreated heavy paraffinic
Mineral Oil

Polyolefin polyamine succinimide, polyol

Zinc alkyl dithiophosphate

Long Chain Alkylphenol Calcium Salt

Calcium Long Chain Alkaryl Sulfonate

Calcium branched chain alkyl phenate sulfide

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

Taiwan. Chemical Substances Inventory (TCSI)

Components Not listed

Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum), hydrotreated heavy paraffinic
Mineral Oil

Polyolefin polyamine succinimide, polyol

Zinc alkyl dithiophosphate

Long Chain Alkylphenol Calcium Salt

Calcium Long Chain Alkaryl Sulfonate

Calcium branched chain alkyl phenate sulfide

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

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

USA TSCA Inventory

Components Not listed

Mineral Oil

Polyolefin polyamine succinimide, polyol



Safety Data Sheet

Engine Oil Multigrade J4 15W-40

Version 1.01

Revision Date 07.06.2023

Zinc alkyl dithiophosphate
Long Chain Alkylphenol Calcium Salt
Calcium Long Chain Alkaryl Sulfonate
Calcium branched chain alkyl phenate sulfide
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl
derivs., calcium salts

SECTION 16. Other information

Full text of H-Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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.

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.