



# Safety Data Sheet

## Coolant Pre-Mix 40

Version 1.00

Revision Date 12.04.2024

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

#### Product identifier

#### Trade name

Coolant Pre-Mix 40

#### Synonyms

Ready Pre-mix Coolant, Multi-purpose Engine Coolant

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

#### Use

Anti-freezing agents

#### Manufacturer or supplier's details

#### Company

Sasol Oil (Pty) Ltd

#### Address

Sasol Place, 50 Katherine Street  
Sandton  
2196

#### 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

Acute oral toxicity

Category 4

Reproductive toxicity

Category 1

Specific target organ toxicity - repeated  
exposure

Category 2

#### Label elements

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### Hazard pictograms



### Signal word

: Danger

### Hazard statements

: H302 Harmful if swallowed.  
 H360 May damage fertility or the unborn child if swallowed.  
 H373 May cause damage to organs through prolonged or repeated exposure if swallowed.

### Precautionary statements

#### Prevention

P264 Wash hands thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P260 Do not breathe mist or vapours.

#### Response

P301 + P317 IF SWALLOWED: Get medical help.  
 P330 Rinse mouth.  
 P318 IF exposed or concerned, get medical advice.

#### Storage

P405 Store locked up.

#### Disposal

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

### 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.

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### SECTION 3. Composition/information on ingredients

#### Mixture

##### Ethylene glycol

Contents:  $\geq 32.00$  -  $\leq 39.20$  %W/W

CAS-No. 107-21-1

Index-No. 603-027-00-1

EC-No. 203-473-3

Hazard statements *H302*

##### sodium 2-ethylhexanoate

Contents:  $\geq 1.20$  -  $< 2.00$  %W/W

CAS-No. 19766-89-3

Index-No.

EC-No. 243-283-8

##### methyl-1H-benzotriazole

Contents:  $\geq 0.04$  -  $< 0.40$  %W/W

CAS-No. 29385-43-1

Index-No.

EC-No. 249-596-6

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### SECTION 4. First aid measures

#### Description of necessary first-aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.   |
| <b>Skin contact</b> | Wash off with soap and water. If skin irritation persists, call a physician.  |
| <b>Eye contact</b>  | 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. |
| <b>Ingestion</b>    | If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice.                                    |

#### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

### SECTION 5. Firefighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                          | Water spray. Alcohol-resistant foam. Dry powder. Carbon dioxide.  |
| <b>Special hazards arising from the substance or mixture</b> | Hazardous/toxic decomposition products may occur. Do not allow run-off from fire fighting to enter drains or water courses. |
| <b>Special protective equipment for firefighters</b>         | Wear self-contained breathing apparatus and protective suit.  |

### SECTION 6. Accidental release measures

|                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | Use personal protective equipment. Do not breathe vapours or spray mist. Danger of slipping after spill or leakage. |
| <b>Environmental precautions</b> | Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.                                |

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**Methods for cleaning up** The material taken up must be disposed of in accordance with regulations. 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** Wear personal protective equipment. Keep container closed when not in use.

**Advice on protection against fire and explosion** No special protective measures against fire required.

**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**

| Components                 | Type | Control parameters | Update | Basis             |
|----------------------------|------|--------------------|--------|-------------------|
| ETHANE-1,2-DIOL,           | TWA  | 10 mg/m3           | 1995   | South Africa RELs |
| PARTICULATE                | TWA  | 60 mg/m3           | 1995   | South Africa RELs |
| ETHANE-1,2-DIOL,<br>VAPOUR | STEL | 125 mg/m3          | 1995   | South Africa RELs |
| ETHANE-1,2-DIOL,<br>VAPOUR |      |                    |        |                   |

**Exposure controls**

**Engineering measures**

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Provide sufficient air exchange and/or exhaust in work rooms.

### Personal protective equipment

|                                 |  |
|---------------------------------|--|
| <b>Respiratory protection</b>   | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| <b>Hand protection</b>          | Gloves suitable for permanent contact.:<br>Material: butyl-rubber<br>Break through time: 4 h<br>Material thickness: 0.5 mm |
| <b>Eye protection</b>           | Safety glasses with side-shields.  |
| <b>Skin and body protection</b> | Protective suit. Safety shoes.   |
| <b>Hygiene measures</b>         | Wash hands before breaks and immediately after handling the product. Do not inhale aerosol.                                |

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>Form</b>                        | Liquid                           |
| <b>State of matter</b>             | Liquid                           |
| <b>Colour</b>                      | Colourless                       |
| <b>Odour</b>                       | Mild                             |
| <b>Odour Threshold</b>             | No data available.               |
| <b>pH</b>                          | ca. 8.2                          |
| <b>pourpoint</b>                   | < -30 ° C                        |
| <b>Boiling point/boiling range</b> | > 103 ° C; 1,013 hPa;            |
| <b>Flash point</b>                 | > 200 ° C                        |
| <b>Evaporation rate</b>            | No data available.               |
| <b>Flammability (solid, gas)</b>   | No data available.               |
| <b>Auto-ignition temperature</b>   | > 300 ° C                        |
| <b>Lower explosion limit</b>       | No data available.               |
| <b>Upper explosion limit</b>       | No data available.               |
| <b>Vapour pressure</b>             | No data available.               |
| <b>Relative vapour density</b>     | No data available.               |
| <b>Density</b>                     | 1.045 g/cm <sup>3</sup> ; 20 ° C |

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**Water solubility** Completely miscible, Soluble

### SECTION 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | No data available.   |
| <b>Chemical stability</b>                 | Stable under normal conditions.  |
| <b>Possibility of hazardous reactions</b> | Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. |
| <b>Conditions to avoid</b>                | Strong sunlight for prolonged periods. Heat, flames, sparks and other combustion sources.                              |
| <b>Materials to avoid</b>                 | Oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | No decomposition if stored normally.   |

### SECTION 11. Toxicological information

|                                  |   |
|----------------------------------|---|
| <b>Acute oral toxicity</b>       | Ethylene glycol:<br>LD50 Rat: 7,712 mg/kg;  |
| <b>Acute inhalation toxicity</b> | Ethylene glycol:<br>LC50 Rat: 6 h; vapour; 2.5 mg/l;                                  |
| <b>Acute dermal toxicity</b>     | Ethylene glycol:<br>LD50 Mouse: 3,500 mg/kg;  |
| <b>Repeated dose toxicity</b>    | Ethylene glycol:<br>Oral Rat; NOAEL Early embryonic development 200 mg/kg             |
| <b>Repeated dose toxicity</b>    | Ethylene glycol:<br>Oral Mouse; NOAEL Early embryonic development 12,500 mg/kg        |
| <b>Repeated dose toxicity</b>    | Ethylene glycol:<br>Dermal Dog; NOAEL Early embryonic development 2,200 - 4,400 mg/kg |

### SECTION 12. Ecological information

|  |  |
|--|--|
| <b>Toxicity to daphnia and other aquatic invertebrates</b> | Ethylene glycol:<br>48 h; EC50; 100 mg/l |
| <b>Toxicity to daphnia and other</b>                       | Ethylene glycol:                         |

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|   |   |
|---|---|
| aquatic invertebrates                               | 48 h; EC0; 100 mg/l   |
| Toxicity to daphnia and other aquatic invertebrates | Ethylene glycol:<br>48 h; EC100; 100 mg/l                                     |
| Toxicity to algae                                   | Ethylene glycol:<br>Anabaena flos-aquae (cyanobacterium)72 h; NOEC; 100 mg/l; |

### SECTION 13. Disposal considerations

|           |  |
|-----------|--|
| Product   | In accordance with local and national regulations.   |
| Packaging | Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment. |

### 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          | All chemical constituents are listed in: Canada. DSL - Domestic Substances List, part of CEPA (See chapter 3)         |
| Australia. AICS - Australian Inventory of Chemical Substances | <b>Components Not listed</b><br>sodium 2-ethylhexanoate   |
| New Zealand Inventory of Chemical Substances                  | All chemical constituents are listed in: New Zealand Inventory of Chemical Substances (See chapter 3)                 |
| Japan. ENCS - Existing and New Chemical Substances Inventory  | All chemical constituents are listed in: Japan. ENCS - Existing and New Chemical Substances Inventory (See chapter 3) |
| Japan. Industrial Safety and Health Law -                     | All chemical constituents are listed in: Japan. Industrial Safety   |



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|  |  |
|--|--|
| <b>Inventory</b>   | and Health Law - Inventory (See chapter 3)   |
| <b>Korea. KECI - Korean Existing Chemicals Inventory</b>                               | All chemical constituents are listed in: Korea. KECI - Korean Existing Chemicals Inventory (See chapter 3)                               |
| <b>Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances</b> | All chemical constituents are listed in: Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances (See chapter 3) |
| <b>China. IECSC - Inventory of Existing Chemical Substances in China</b>               | All chemical constituents are listed in: China. IECSC - Inventory of Existing Chemical Substances in China (See chapter 3)               |
| <b>Taiwan. Chemical Substances Inventory (TCSI)</b>                                    | All chemical constituents are listed in: Taiwan. Chemical Substances Inventory (TCSI) (See chapter 3)                                    |
| <b>USA TSCA Inventory</b>  | All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)  |

### SECTION 16. Other information

#### Full text of H-Statements

H302 Harmful if swallowed.

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.



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