

# Safety Data Sheet

## Soluble MW Synthetic Fluid

Version 1.01

Revision Date 12.12.2024

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

**Product identifier**

**Trade name**

Soluble MW Synthetic Fluid

**Synonyms**

Emulsifiable cutting oil and coolant

**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  
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**

Skin corrosion/irritation

Category 2

Long-term (chronic) aquatic hazard

Category 2

**Label elements**

**Hazard pictograms**

:



**Signal word**

:

Warning

**Hazard statements**

:

H315 Causes skin irritation.



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H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

##### Prevention

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

P273 Avoid release to the environment.

##### Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

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

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

##### Storage

NA No precautionary statement

##### Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

#### 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

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Contents: < 20.00 %W/W

CAS-No.

Index-No.

EC-No.

Hazard statements *H315 H411*

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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 breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. Get medical attention/advice if you feel unwell.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
<b>Ingestion</b>	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

<b>Suitable extinguishing media</b>	Water spray, Foam, CO <sub>2</sub> , Dry powder.
<b>Special hazards arising from the substance or mixture</b>	Under conditions of continuous exposure to heat, may burn. Under extreme conditions (e.g. confinement) could lead to detonation. Nitrogen oxides (NO <sub>x</sub> ) and carbon oxides are produced during combustion.
<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. Handle in accordance with
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	good industrial hygiene and safety practice.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses.
<b>Methods for cleaning up</b>	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.
<b>Reference to other sections</b>	Refer to section 8 and 13

#### SECTION 7. Handling and storage

<b>Safe handling advice</b>	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.
<b>Advice on protection against fire and explosion</b>	No data available
<b>Requirements for storage areas and containers</b>	Keep away from heat. Do not store near combustible materials.
<b>Advice on common storage</b>	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

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<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
<b>Eye protection</b>	Safety goggles
<b>Skin and body protection</b>	lightweight protective clothing
<b>Hygiene measures</b>	Wash hands before breaks and immediately after handling the product.

### SECTION 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid; at 20 ° C; 1,013 hPa
<b>Colour</b>	Brown
<b>Odour</b>	Mild
<b>Odour Threshold</b>	No data available
<b>pH</b>	9.4
<b>Pour point</b>	< -0 ° C
<b>Boiling point/boiling range</b>	No data available
<b>Flash point</b>	200 ° C; ASTM D92
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Auto-ignition temperature</b>	> 320 ° 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>	1.02 g/cm <sup>3</sup> ; ASTM D4052
<b>Water solubility</b>	emulsifiable
<b>Partition coefficient: n-octanol/water</b>	No data available

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Viscosity, kinematic      30 mm<sup>2</sup>/s; 40 ° C

### SECTION 10. Stability and reactivity

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

### SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	No data available
<b>Acute inhalation toxicity</b>	No data available
<b>Acute dermal toxicity</b>	No data available
<b>Repeated dose toxicity</b>	No data available
<b>Carcinogenicity</b>	Mineral oils are severely solvent refined or hydrotreated., Not classifiable as a human carcinogen.

### SECTION 12. Ecological information

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

### SECTION 13. Disposal considerations

<b>Product</b>	Dispose of in accordance with local regulations.
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### 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

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Australia. AICS - Australian Inventory of  
Chemical Substances

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

New Zealand Inventory of Chemical  
Substances

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Japan. ENCS - Existing and New Chemical  
Substances Inventory

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Japan. Industrial Safety and Health Law -  
Inventory

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Korea. KECI - Korean Existing Chemicals  
Inventory

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

Philippines. PICCS - Philippines Inventory of  
Chemicals and Chemical Substances

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

China. IECSC - Inventory of Existing

#### Components Not listed



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### Chemical Substances in China

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

### Taiwan. Chemical Substances Inventory (TCSI)

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

### USA TSCA Inventory

#### Components Not listed

Reaction products of tall-oil fatty acids, diethanolamine and boric acid

## SECTION 16. Other information

### Full text of H-Statements

H315 Causes skin irritation.

H411 Toxic 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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