

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or preparation

COMPOIL SAE 30

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

Engine Oil

1.3 Details of the Supplier of the Safety Data Sheet

Supplier Luna AB
441 80 Alingsås
Sweden
+46 (0)322 60 60 00
E-mail luna@luna.se

1.4 Emergency telephone number

112 (Within EU)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation No. 1272/2008

This product does not meet the criteria for classification in any hazard class in accordance with Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures. A safety data sheet is however available, on request, for this product as it contains an ingredient for which there is an exposure limit for occupational exposure.

2.2 Label elements

Safety data sheet available on request.

Contains calcium sulfonates. May give rise to allergic reaction.

2.3 Other Hazards

Repeated exposure may dry the skin. Avoid contact with used oil. Protect the environment – all oil must be disposed of as hazardous waste. Store product out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Classification according to Regulation (EC) No 1272/2008 [CLP]

Name	EC-no	CAS-no	REACH-no	Weight %	Classification
Distillates (petroleum), hydrotreated heavy paraffinic*	265-157-1	64742-54-7	01-2119484627-25	90-95	- **
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	283-392-8	84605-29-8	01-2119493626-26	0,1-<0,8	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Calcium sulfonates	274-263-7	70024-69-0	01-2119492616-28	0,1-0,5	Skin Sens. 1 H317

* Contains less than 3% DMSO extract and is therefore not classified as carcinogenic

** Not classified as dangerous. Therefore no hazard statements are given

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove to fresh air. If recovery does not happen quickly, seek medical attention.
Contact with eyes	Flush the eyes gently with water. No other measures are required, but if any problems occur, seek medical attention.
Skin contact	Wash the contaminated skin with soap and water; No other immediate action is necessary, but if skin problems occur, seek medical attention.
If swallowed	Do not induce vomiting. No immediate action

4.2 The most important symptoms and effects, both acute and delayed

Inhalation	Not volatile. Probably no risk of inhalation at normal ambient temperature. If overheated, fumes and vapors can irritate the upper respiratory tract.
Eye	May cause mild eye irritation.
Skin	Although temporary skin exposure does not cause immediate irritation, repeated and prolonged contact may cause dehydration on the skin and may cause redness, skin cracking and dermatitis.
Swallowing	Swallowing a small amount is unlikely to cause a health risk.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media,

Suitable extinguishing media: Can be extinguished using powder, foam or carbon dioxide.

Unsuitable extinguishing media: Do not use direct water jet.

COMPOIL SAE 30

5.2 Special hazards arising from the substance or mixture

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5.3 Advice for firefighters

Use water ONLY to cool containers, who are exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

6.2 Environmental precautions

Do not allow discharge to enter drains, sewers or ground.

6.3 Methods and materials for containment and cleaning up

Absorb spill with an appropriate absorbent material such as sand or clay.

6.4 Reference to other sections

See Sections 8 and 13 for information on protective equipment and waste disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid prolonged or repeated contact with skin.

Avoid inhalation of vapours, mist or fumes.

Do not reuse soiled clothing unless laundered.

7.2 Conditions for safe storage, including any incompatibilities

Containers must be kept tightly closed and sealed.

7.3 Specific end uses

Not relevant

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

See national legislation

For Britain see: Health and Safety Executive EH40/2005 Workplace exposure limits (Second edition, published 2011). Published by the Health and Safety Executive

8.2 Exposure controls

8.2.2 Personal protection equipment

Respiratory protection Avoid inhalation of vapours, fumes and mist by observing suitable handling regulations and adequate ventilation.

Skin protection Prolonged and repeated skin contact should be avoided by using clean protective gloves and work clothes. PVC and nitrile gloves can be used

COMPOIL SAE 30

Eye protection In case of splashes, wear eye protection (protective goggles with side protection, full face shield).

8.2.3 Limiting environmental exposure level
For impact on the environment, see Section 12.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Oily liquid
Color	Light brown
Flash point, °C	202 (ASTM D92, COC)
Density, 15 °C, kg/m ³	891
Viscosity, kinematic,	
40 °C, mm ² /s	100
100 °C, mm ² /s	11,3
Pour point, °C	- 30
Solubility in water	Insoluble

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

No information

10.3 Possibility of hazardous reactions

No information

10.4 Conditions to avoid

No information

10.5 Incompatible materials

May react with strong oxidizing agents.

10.6 Hazardous decomposition products

In case of thermal decomposition or incomplete combustion, carbon oxides and irritating smoke can form.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

COMPOIL SAE 30**11.1.1 Acute toxicity**

LD50 Oral, rat: > 5000 mg/kg body weight*

LD50 Dermal rabbit: >5000 mg/kg body weight. *

(* Applicable to the constituent substance: Distillate (petroleum), hydrotreated heavy paraffinic)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity algae:

EL50 (48h) > 100 mg/l (Pseudokirchnerella subcapitata – OECD 201)*

Toxicity aquatic invertebrates:

EL50 (48h) > 10 000 mg (Daphnia Magna – OECD 202)*

Toxicity fish

LL50 (96 h) > 100 mg/l (Oncorhynchus mykiss – OECD 203)*

(* Applicable to the constituent substance: Distillate (petroleum), hydrotreated heavy paraffinic)

12.2 Persistence and degradability

No information

12.3 Bioaccumulative potential

No information

12.4 Mobility in soil

No information

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects

No information

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Empty containers should be left to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

14.1 UN-number

Not classified as hazardous goods

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the



2017-11-20

COMPOIL SAE 30

substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

15.2 Chemical Safety Assessment

Chemical Safety Assessment has not been conducted

16. OTHER INFORMATION

Relevant R-phrases and H-statements

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.