

EAP 140 Engine Protection

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P102	Keep out of reach of children.
P263	Avoid contact during pregnancy/while nursing.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P501	Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Inhibitors
Preventing agent
Mineral oils
Synthetic agent combinations
Additives

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
287-477-0	Chlorparaffines C14-C28	30 - 35 %
85535-85-9	N - Dangerous for the environment R50-53-64-66	
	Lact., Aquatic Acute 1, Aquatic Chronic 1; H362 H400 H410	
265-233-4	n-paraffine C10 - C13	5 - 10 %
64771-72-8	Xn - Harmful R65-66	
	Asp. Tox. 1; H304	
	Alcyl dithio phosphate	< 1 %
N/A	N - Dangerous for the environment R51-53	
	Aquatic Chronic 2; H411	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes .
Subsequently wash again with: Water and soap.
Seek medical attention if problems persist.

After contact with eyes

Remove contact lenses.
Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

After ingestion

Rinse mouth thoroughly with water.
Do not induce vomiting.
Consult physician.

4.2. Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.

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Irritation of eyes: Irritant effect possible.

4.3. Indication of any immediate medical attention and special treatment needed

Warning about danger of aspiration.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder. Sand. Carbon dioxide (CO₂). Water spray.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Cool endangered container in case of fire.

Beat down gas/vapours/mist with water spray.

Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear a self-contained breathing apparatus and chemical resistant suit.

High skid risk because of leaking or spilled product.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

6.3. Methods and material for containment and cleaning up

Prevent spreading of spillages (e.g. by oil barrier).

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Material must only be handled in closed installations or systems.

Avoid contact with skin and eyes.

Avoid oil mist

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Do not store at temperatures over: 50 °C

Advice on storage compatibility

Should be stored separately from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

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Protective and hygiene measures

Take off immediately all contaminated clothing
Avoid contact with skin and eyes.
Keep away from food, drink and animal feeding stuffs.
When using do not eat, drink or smoke.
"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

Respiratory protection

In case of accumulation of fumes/aerosols, provide adequate ventilation.
In case of fire: Wear self-contained breathing apparatus.

Hand protection

Tested protective gloves are to be worn: NBR (Nitrile rubber). FKM (Fluoroelastomer (Viton)). (EN374)

Eye protection

Wear tightly sealed safety glasses against possible splashes into the eyes. (EN 166)

Skin protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	viscous
Colour:	brown
Odour:	mild

Test method

Changes in the physical state

Flash point:	> 100 °C
Lower explosion limits:	
Upper explosion limits:	
Density (at 20 °C):	0.90 - 0.95 g/cm ³
Water solubility: (at 20 °C)	insoluble
Solubility in other solvents:	Organic solvents
Viscosity / kinematic: (at 40 °C)	17,2 mm ² /s

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

No decomposition when used as intended.
Keep at temperature not exceeding 50 °C.

10.5. Incompatible materials

Oxidizing agents. acid, concentrated.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity

CAS No	Chemical name	Exposure routes	Method	Dose	Species	h
85535-85-9	Chlorparaffines C14-C28					
	Acute oral toxicity		LD50	4000 mg/kg	rat.	
	Acute dermal toxicity		LD50	4000 mg/kg	rat.	
	Acute inhalation toxicity		LC50	48170 mg/l	rat.	1
64771-72-8	n-paraffine C10 - C13					
	Acute oral toxicity		LD50	>2000 mg/kg	rat.	
	Acute dermal toxicity		LD50	>2000 mg/kg	Rabbit.	
	Acute inhalation toxicity		LC50	>5000 mg/l	rat.	4
N/A	Alcyl dithio phosphate					
	Acute oral toxicity		LD50	>2000 mg/kg	rat.	

Irritation and corrosivity

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

Sensitising effects

no danger of sensitization.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name	Exposure routes	Method	Dose	Species	h
85535-85-9	Chlorparaffines C14-C28					
	Acute algae toxicity		ErC50	3,2 mg/l	Algae	96
64771-72-8	n-paraffine C10 - C13					
	Acute fish toxicity		LC50	>1000 mg/l	Oncorhynchus mykiss	96
	Acute crustacea toxicity		EC50	>1000 mg/l	Daphnia magna	48
N/A	Alcyl dithio phosphate					
	Acute fish toxicity		LC50	1-10 mg/l	Fish	96
	Acute crustacea toxicity		EC50	1-10 mg/l	Daphnia magna	48

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

Arrange about the exact waste code with the local waste disposal expert.

Contaminated packaging

Container must be completely emptied.

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SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Alkanes, C14-17, chloro)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Classification code: M6
Special Provisions: 274 335 601
Limited quantity: 5 L
Transport category: 3
Hazard No: 90
Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number: UN3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Alkanes, C14-17, chloro)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9


Classification code: M6
Special Provisions: 274 335 601
Limited quantity: 5 L

Marine transport (IMDG)

14.1. UN number: UN3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Alkanes, C14-17, chloro)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9


Marine pollutant: P
Special Provisions: 274, 335
Limited quantity: 5 L
EmS: F-A, S-F

Air transport (ICAO)

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UN/ID number: UN3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Alkanes, C14-17, chloro)
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: A97 A158
Limited quantity Passenger: 30 kg G
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

Dangerous for the environment: yes



SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

Contains:
< 5 % phosphates
5 - 15 % hydrocarbons, aliphatic.
15 - 30 % hydrocarbons, halogenated.

National regulatory information

Water contaminating class (D): 2 - water contaminating

SECTION 16: Other information

Full text of R phrases referred to under Sections 2 and 3

50 Very toxic to aquatic organisms.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51 Toxic to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.
64 May cause harm to breastfed babies.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

Full text of H statements referred to under Sections 2 and 3

H304 May be fatal if swallowed and enters airways.
H362 May cause harm to breast-fed children.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

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Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)