

**Oil Booster**

Print date : 04.12.2007

Product code : 238

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**1. Identification of the substance/preparation and of the company/undertaking**

**Identification of the substance or preparation**

Oil Booster

**Use of the substance/preparation**

Oil Performance Improver

**Company/undertaking identification**

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**Further Information**

Article Number: 3021, 1301, 1302, 1303, 1305, 1308, 1309

**2. Hazards identification**

**Classification**

R-phrases :  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3. Composition/information on ingredients**

**Chemical characterization ( preparation )**

Inhibitors  
Preventing agent  
Mineral oils  
Additives

**Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
	N/A	Alcyl dithio phosphate	< 10 %	N R51-53

Full text of each relevant R phrase can be found in heading 16.

**4. 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.

**Advice to doctor**

Warning about danger of aspiration.

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**5. Fire-fighting measures**

**Suitable extinguishing media**

Extinguishing powder.  
Sand.  
Carbon dioxide (CO<sub>2</sub>).  
Water spray.

**Extinguishing media which must not be used for safety reasons**

High power water jet.

**Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases**

Formation of decomposition products possible.  
In case of fire and/or explosion do not breathe fumes.

**Special protective equipment for fire-fighters**

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.

**6. Accidental release measures**

**Personal precautions**

Wear a self-contained breathing apparatus and chemical resistant suit.  
High skid risk because of leaking or spilled product.

**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.

**Methods for cleaning up/taking up**

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

**7. Handling and storage**

**Handling**

**Advice on safe handling**

Material must only be handled in closed installations or systems.  
Avoid contact with skin and eyes.  
Avoid oil mist

**Storage**

**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.

**8. Exposure controls/personal protection**

**Exposure limit values**

**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**

Provide for good ventilation, when develop aerosols/mist.  
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.

**9. Physical and chemical properties**

**General information**

Physical state : viscous  
Colour : brown  
Odour : mild

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point : > 100 °C  
Lower explosion limits :  
Upper explosion limits :  
Density (at 20 °C) : 0.89 - 0.92 g/cm<sup>3</sup>  
Water solubility : insoluble  
(at 20 °C)  
Solubility in other solvents : Organic solvents

**10. Stability and reactivity**

**Conditions to avoid**

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

**Materials to avoid**

Oxidizing agents. acid, concentrated.

**Hazardous decomposition products**

No hazardous decomposition products are known.

**11. Toxicological information**

**Corrosive and irritant effects**

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.

**12. Ecological information**

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**Persistence and degradability**

Not easily bio-degradable (according to OECD-criteria).

**Further information**

Do not empty into drains or the aquatic environment.

**13. Disposal considerations**

**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.

**14. Transport information**

**Land transport (ADR/RID)**

**Remarks (land transport)**

Not a hazardous material with respect to transportation regulations.

**Inland waterways transport**

**Remarks (inland waterways transport)**

Not a hazardous material with respect to transportation regulations.

**Marine transport**

**Remarks (marine transport)**

Not a hazardous material with respect to transportation regulations.

**Air transport**

**Remarks (air transport)**

Not a hazardous material with respect to transportation regulations.

**15. Regulatory information**

**Labelling**

**R phrases**

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S phrases**

02 Keep out of the reach of children.

46 If swallowed, seek medical advice immediately and show this container or label.

**National regulatory information**

Water contaminating class : 2 - water contaminating

**16. Other information**

**Full text of R-phrases referred to under sections 2 and 3**

51 Toxic to aquatic organisms.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

**Other data**

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.

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