

Diesel Conditioner and Anti-Gel

Print date: 08.09.2011

Product code: 364

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Chemical characterization

Flow Improver/Anti Gel
Lubricants
Detergents, Dispersants
Solvent mixture

Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
265-149-8	Distillates (petroleum, gasoline), hydrotreated light	80 - 85 %
64742-47-8	Xn R10-65	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H304 H411	
265-198-5	Naphtha (petroleum)	20 - 25 %
64742-94-5	Xn, Xi, N R10-65-36/38-51-53	
	Flam. Liq. 3, Eye Irrit. 2, Skin Irrit. 2, Asp. Tox. 1, Aquatic Chronic 2; H226 H319 H315 H304 H411	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

No special measures are necessary.

After inhalation

Move victim out of danger zone. Provide fresh air. Consult physician.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Consult physician.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water spray. Sand. Foam. Carbon dioxide. dry extinguishing powder.

Extinguishing media which must not be used for safety reasons

High power water jet.

Advice for firefighters

Use appropriate respiratory protection.

Additional information

Contaminated fire-fighting water must not get into the sewerage network.

SECTION 6: Accidental release measures

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Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Suitable absorbing material: Sand Kieselguhr. Universal binding agent. Sawdust.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid generation of aerosol.

Advice on protection against fire and explosion

When hot, product develops flammable vapors.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Do not store at temperatures over: 50 °C

Do not store at temperatures under: 0 °C

SECTION 8: Exposure controls/personal protection

Control parameters

Additional advice on limit values

See chapter 7. No further action is necessary.

Exposure controls

Occupational exposure controls

hydrocarbons.

group 1

200 ml/m³ (ppm) 1000 mg/m³

Limitation category 4

Protective and hygiene measures

Avoid contact with skin, eye and clothing.

Respiratory protection

Respiratory protection: not required.

Hand protection

Tested protective gloves are to be worn: PVC (Polyvinyl chloride).

Eye protection

Suitable eye protection: Framed glasses.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:

liquid

Colour:

colourless

Odour:

characteristic

Test method

Changes in the physical state

Flash point:

63 °C

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Explosive properties

not Explosive.

Density (at 20 °C): 0,82 - 0,83 g/cm³

SECTION 10: Stability and reactivity

Conditions to avoid

No decomposition when used as intended.

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide. Carbon dioxide. aldehydes
smoke

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

CAS No.	Chemical name				
	Exposure routes	Method	Dose	Species	h
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light				
	Acute oral toxicity	LD50	>15000 mg/kg	rat.	
	Acute dermal toxicity	LD50	3400 mg/kg	rat.	
64742-94-5	Naphtha (petroleum)				
	Acute oral toxicity	LD50	>2000 mg/kg	rat.	
	Acute dermal toxicity	LD50	>2000 mg/kg	Rabbit.	

Irritation and corrosivity

Irritant effect on the eye: irritant.

Irritant effect on the skin: Frequently or prolonged contact with skin may cause dermal irritation.

Carcinogenic/mutagenic/toxic effects for reproduction

No Carcinogenic, germ cell mutagen and reproduction effects

SECTION 12: Ecological information

Toxicity

CAS No.	Chemical name				
	Aquatic toxicity	Method	Dose	Species	h
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	10 mg/l	Oncorhynchus mykiss	96
	Acute algae toxicity	ErC50	4,6 mg/l	Pseudokirchneriella subcapitata	72
	Acute crustacea toxicity	EC50	10 mg/l	Daphnia magna	48
64742-94-5	Naphtha (petroleum)				
	Acute fish toxicity	LC50	1-10 mg/l	Fish	96
	Acute algae toxicity	ErC50	1-10 mg/l	Algae	72
	Acute crustacea toxicity	EC50	1-10 mg/l	Daphnia magna	48

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Persistence and degradability

Product is partially biodegradable.

Bioaccumulative potential

Does not accumulate in organisms.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations.

Carry out under observation of official regulations covering a chemical/physical treatment plant.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

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

Contaminated packaging

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to these transportation regulations.

Inland waterways transport

Other applicable information (inland waterways transport)

Not a hazardous material with respect to these transportation regulations.

Marine transport

Other applicable information (marine transport)

Not a hazardous material with respect to these transportation regulations.

Air transport

Other applicable information (air transport)

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

Contains:

> 30 % aliphatic hydrocarbons

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

10 Flammable.

36/38 Irritating to eyes and skin.

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- 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.
- 65 Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

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.)