



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Diesel Treatment

Revision date: 15/04/2014

Unsuitable extinguishing media

Strong water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Carbon dioxide (CO₂), Carbon monoxide, Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Do not allow run-off from fire-fighting to enter drains or water courses.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation. Remove persons to safety. See protective measures under point 7 and 8.

6.2 Environmental precautions

Ensure all waste water is collected and treated via a waste water treatment plant. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Suitable material for taking up: Sand, Kieselguhr, Universal binder Sawdust. Collect in closed and suitable containers for disposal.

6.4 Reference to other sections

See protective measures under point 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling

Provide adequate ventilation as well as local exhaust at critical locations. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. All work processes must always be designed so that the following is as low as possible: Eye contact. Skin contact. Inhalation of vapours or spray/mists. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Wear personal protection equipment. (see chapter 8).

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Never use pressure to empty container.

Hints on storage assembly

Keep away from: Oxidising agent Acid. Alkali

Storage class : 10

7.3 Specific end uses

None

8. Exposure controls / Personal protection

8.1 Control parameters

None

8.2 Exposure controls

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal protective equipment

Eye / face protection

Eye glasses with side protection

Skin protection





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Hand protection

Gloves with long cuffs The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.

Body protection

Overall.

Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation. insufficient exhaust Handling larger quantities. Container device with compressed air (DIN EN 137). / Filtering device (full mask or mouthpiece) with filter: Filter types:A, B, E, K. Class 1: Maximum permitted contaminant concentration in inhaled air = 1000 mL/m³ (0.1 % by vol.); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m³ (0.5 % by vol.); class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m³ (1.0 % by vol.)

Environmental exposure controls

Send to a hazardous waste incinerator facility under observation of official regulations.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Physical state :	Liquid
Odour :	Characteristic Hydrocarbon
Colour :	Brown
Boiling temperature / boiling range@ 760mmHg/°C :	200 - 250
Flash point (PMcc)/°C :	> 75
Vapour pressure@50°C	< 1000 hPa
Density @15°C/ g/cm ³ :	0.81
Water solubility @20°C:	Insoluble
Viscosity@ 40°C / mm ² /s :	< 7.5

9.2 Other information

pH value	N/A
Ethanol content %:	0

10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Exothermic reaction with: Oxidising agent. Strong acid Strong alkali

10.6 Hazardous decomposition products

Decomposition with: Carbon dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x).

11. Toxicological information

This mixture is classified as dangerous according to 1999/45/EC. This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

11.1 Information on toxicological effects

Harmful: may cause lung damage if swallowed. For viscosity data, see chapter 9. Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

Acute effects

Acute oral toxicity

Parameter : LD50 (ALKANES, C10-14-ISO- ; EC No : 918-481-9)



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Exposure route :	Oral
Effective dose :	> 10000 mg/kg
Acute dermal toxicity	
Parameter :	LD50 (ALKANES, C10-13-ISO- ; EC No : 918-481-9)
Exposure route :	Dermal
Effective dose :	> 3160 mg/kg
Acute inhalation toxicity	
Parameter :	LC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	> 590 mg/m ³
Exposure time :	4 h

12. Ecological information

12.1 Toxicity

Aquatic toxicity

Harmless to aquatic organisms up to the tested concentration

Acute (short-term) algae toxicity

Parameter :	EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5)
Species :	Algae
Effective dose :	1 - 3 mg/l
Exposure time :	72 h

Parameter :	EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No. : 64742-94-5)
Species :	Daphnia
Effective dose :	3 - 10 mg/l
Exposure time :	48 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

12.6 Other adverse effects

The evaluation was carried out according to the calculation method of the preparation directive.

12.7 Further ecological information

None

13. Disposal considerations

13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. Clean IBCs or drums at approved facility only. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

14. Transport information

14.1 UN number

No dangerous good in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous good in sense of this transport regulation.

14.3 Transport hazard class(es)

Land transport (ADR/RID)



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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
