

Technical Data Sheet

Product Name: Diesel System Cleaner

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1. Product Information

Diesel System Cleaner is a cleaning agent.

2. Composition/information on ingredients

Chemical characterization (preparation)
Additives, Organic solvents, Lubricants

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
265-149-8	64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	< 70 %	Xn R65
203-625-9	108-88-3	toluene	< 10 %	F, Repr. Cat. 3, Xn, Xi R11-63-48/20-65-38-67
215-535-7	1330-20-7	xylene	< 10 %	Xn, Xi R10-20/21-38

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

3. Hazards identification

Classification

Symbols : Harmful

R-phrases :

Possible risk of harm to the unborn child.

Flammable.

Harmful: may cause lung damage if swallowed.

4. First aid measures

After inhalation

Move victim to fresh air. Instruct person to keep calm and warm.

After contact with skin

Contaminated clothing, including underwear and shoes, must be taken off immediately.

Subsequently wash down 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

Let water be swallowed in little sips (dilution effect). Consult physician.

Advice to doctor

Warning about danger of aspiration.

5. Fire-fighting measures

Suitable extinguishing media

Extinguishing powder. Sand. Carbon dioxide (CO₂). alcohol resistant foam.

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.
Keep away from sources of ignition. No smoking.

Environmental precautions

Beat down gas/vapours/mist with water spray.
Do not empty into drains or the aquatic environment.
In cases of gas being released or leakage into waters, the 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 allover extension (e.g.knocking-down or a boom).

7. Handling and storage

7.1 Handling

Advice on safe handling

Material must only be handled in closed apparatus or systems. Vapors / aerosols must be cleaned by suction immediately at the place of origin.
Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.
Take precautionary measures against static discharges.

7.2 Storage

Requirements for storage rooms and vessels

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

8. Exposure controls/personal protection

8.1 Exposure limit values

BAT values (TRGS 903)

CAS No.	Substance	Value	Parameter	Test material	Sampling time
108-88-3	Toluol	3,0 mg/l	o-Kresol	U	c,b
1330-20-7	Xylol (alle Isomeren)	2 g/l	Methylhippur-(Tolur-)säure	U	b

8.2 Exposure controls

Protective and hygiene measures

- Take off immediately all contaminated clothing
- Do not breathe gas/fumes/vapour/spray.
- 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). (EN374)

Eye protection

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

Skin protection

- Wear suitable solvent-proof protective clothing according to EN 465.

9. Physical and chemical properties

9.1 General information

Physical state :	liquid
Colour :	brown
Odour :	aromatic

9.2 Important health, safety and environmental information

Changes in the physical state

	Test method
Boiling point :	10 - 210 °C
Flash point :	45 °C
Lower explosion limits :	> 0,6 vol. %
Upper explosion limits :	> 7,0 vol. %
Vapour pressure :	> 8 hPa
at (20 °C)	
Density (at 20 °C) :	0.824 - 0.9 g/cm ³
Water solubility :	insoluble
at (20 °C)	
Solubility in other solvents :	Organic solvents

9.3 Other information

Ignition temperature :	> 200 °C
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10. Stability and reactivity

Additional 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.

Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Contaminated packaging

Container must be completely emptied.

Do not pierce, cut up or weld unclean container. (Danger of explosion.)

14. Transport information

Land transport (ADR/RID)

ADR/RID class :	3
Warnings plate	
Hazard-no. :	30
UN number :	1993
Hazard label :	3
ADR/RID packing group :	III

Description of the goods

Flammable liquid, n.o.s.

Remarks (land transport)

LQ: 5 I

Inland waterways transport

Remarks (inland waterways transport)

No data

Marine transport

IMDG code :	3
UN number :	1993
EmS :	F-E, S-E
IMDG packing group :	III
Hazard label :	3

Description of the goods

Flammable liquid, n.o.s.

Remarks (marine transport)

LQ: 5 I

Air transport

ICAO/IATA-DGR :	3
UN/ID number :	1993
Hazard label :	3
IATA-packing instructions - Passenger :	309
IATA-max. quantity - Passenger :	60
IATA-packing instructions - Cargo :	310
IATA-max. quantity - Cargo :	220
ICAO packing group :	III

Low potential of bio-accumulation.

Description of the goods

Flammable liquid, n.o.s.

Remarks (air transport)

LQ: 10 l

15. Regulatory information

15.1 Labelling

Indication of danger :

Xn - Harmful



Xn - Harmful

Hazardous component(s) to be indicated on label

Distillates (petroleum), hydrotreated light, Kerosine - unspecified toluene

R phrases :

- 10 Flammable.
- 63 Possible risk of harm to the unborn child.
- 65 Harmful: may cause lung damage if swallowed.

S phrases :

- 02 Keep out of the reach of children.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- 36/37 Wear suitable protective clothing and gloves.

15.2 National regulations

Water contaminating class :

2 - water contaminating

16. Other information

List of relevant R phrases

- 10 Flammable.
- 38 Irritating to skin.
- 63 Possible risk of harm to the unborn child.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.
- 20/21 Harmful by inhalation and in contact with skin.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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.

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