



SAFETY DATA SHEET

FUEL INJECTOR CLEANER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: FUEL INJECTOR CLEANER

PART No.: N/A

APPLICATIONS: Fuel Additive

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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
ODOURLESS KEROSENE (TOTAL)	265-149-8	64742-47-8	60-100 %	Xn	65, 66
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA	265-199-0	64742-95-6	1-5 %	Xn	65
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	1-5 %	Xn, N	10, 20, 36/37/38, 51/53

The full text for all R-phrases are shown in section 16.

3 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.

4 FIRST AID MEASURES

GENERAL: If heart stops, provide heart massage.

INHALATION: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention.

INGESTION: If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label. Rinse mouth thoroughly.

SKIN: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing. Contaminated clothing should be laundered before use.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Water spray, fog or mist. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES:

Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire creates: Oxides of: Nitrogen. Carbon.

PROTECTIVE MEASURES IN FIRE:

Wear suitable breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:

Stop leak if possible without risk. Use appropriate containment to avoid environmental contamination. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Provide good ventilation.

STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Keep upright. Ground container and transfer equipment to eliminate static electric sparks. Use container made of: Stainless steel. Mild steel.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONTROL MEASURES:

Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION:

Well ventilated area.

RESPIRATORS:

In case of insufficient ventilation, wear suitable respiratory equipment.

PROTECTIVE GLOVES:

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION:

Wear approved safety goggles.

OTHER PROTECTION:

Use barrier creams to prevent skin contact.

HYGIENIC WORK ROUTINES:

Decontaminate personal protective equipment after use. If this is not possible, dispose of as contaminated waste.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Liquid. Clear.

COLOUR:

Light brown.

ODOUR/TASTE:

Characteristic.

SOLUBILITY DESCRIPTION:

Insoluble in water.

SPECIFIC GRAVITY (Water=1):

0.804 @ 20 °C

FLASH POINT (°C):

71

FLASH POINT METHOD:

CC (Closed cup).

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10 STABILITY AND REACTIVITY

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of: Carbon. Nitrogen.

11 TOXICOLOGICAL INFORMATION

INHALATION:	Vapour may irritate respiratory system or lungs.
INGESTION:	Harmful: may cause lung damage if swallowed. May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.
SKIN:	Repeated exposure may cause skin dryness or cracking. Prolonged contact will result in defatting of the skin leading to irritation and possibly dermatitis.
EYES:	Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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13 DISPOSAL CONSIDERATIONS

GENERAL/CLEANING:	Triple rinse drums prior to recycling or disposal.
DISPOSAL METHODS:	This material and its container must be disposed of as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Incinerate in suitable combustion chamber. Dispose of in accordance with Local Authority requirements.

14 TRANSPORT INFORMATION

ROAD:	
HAZARD CLASS (ADR):	Not classified for transportation.
RAIL:	
SEA:	
AIR:	

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



HARMFUL

RISK PHRASES:	R-52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R-65	Harmful: may cause lung damage if swallowed.
	R-66	Repeated exposure may cause skin dryness or cracking.
SAFETY PHRASES:	S-2	Keep out of reach of children.
	S-24	Avoid contact with skin.
	S-62	If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

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S-35

This material and its container must be disposed of in a safe way.

16 OTHER INFORMATION

REVISION COMMENTS:	Amendment to bring in line with 'CHIP 3'. Complete re-classification. Now includes environmental classification.	
REVISION DATE:	08-2002	
REVISION No. /REPLACES SDS ISSUED:	2 / 03-2001	
R-PHRASES (Full Text):	R-10	Flammable.
	R-20	Harmful by inhalation.
	R-36/37/38	Irritating to eyes, respiratory system and skin.
	R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R-66	Repeated exposure may cause skin dryness or cracking.
R-65	Harmful: may cause lung damage if swallowed.	

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