



## SAFETY DATA SHEET CYCLO® DIESEL FUEL TREATMENT

According to Regulation (EC) No 1907/2006

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME	CYCLO® DIESEL FUEL TREATMENT
PRODUCT NO.	C-23
APPLICATION	Diesel fuel additive cleans injectors and related parts.Prevents fuel gelling prevents freezing.
SUPPLIER	Cyclo Industries Inc. Regent House Business Centre 24-25 Nutford Place Marble Arch London W1H 5YN Tel 0797 6921836 E mail Address ehs@cyclo.com
EMERGENCY TELEPHONE	001 312 906 6194

**2 HAZARDS IDENTIFICATION**

Limited evidence of a carcinogenic effect.  
 CLASSIFICATION (1999/45)      Carc. Cat. 3;R40.  
 ENVIRONMENT  
 The product is not expected to be hazardous to the environment.  
 HUMAN HEALTH  
 See section 11 for additional information on health hazards.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification (67/548)
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	< 1%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
BENZOTRIAZOLE	202-394-1	95-14-7	1-5%	Xi;R36/37/38.
FUEL-OIL NO 2; GASOIL - UNSPECIFIED	270-671-4	68476-30-2	60-100%	Carc. Cat. 3;R40

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES**

**INHALATION**  
 Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Rinse nose and mouth with water. Get medical attention.

**INGESTION**  
 NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!

**SKIN CONTACT**  
 Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

## CYCLO® DIESEL FUEL TREATMENT

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURES**

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.

**SPECIFIC HAZARDS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx).

**PROTECTIVE MEASURES IN FIRE**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**6 ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. To prevent release, place container with damaged side up.

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

**7 HANDLING AND STORAGE**

**USAGE PRECAUTIONS**

Provide good ventilation. Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
1,2,4-TRIMETHYLBENZENE	WEL	25 ppm	125 mg/m3			

WEL = Workplace Exposure Limit.

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Provide adequate ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Chemical respirator with organic vapour cartridge.

**HAND PROTECTION**

Wear protective gloves. Use protective gloves made of: Nitrile. or Viton rubber (fluor rubber).

## CYCLO® DIESEL FUEL TREATMENT

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

### HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Amber		
ODOUR	Slight odour Amine.		
SOLUBILITY	Slightly soluble in water.		
RELATIVE DENSITY	6.65 @15.5°C	FLASH POINT (°C)	61°C CC (Closed cup).

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

### MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

### HAZARDOUS DECOMPOSITION PRODUCTS

In case of fire, toxic gases (CO, CO2, NOx) may be formed.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

### INGESTION

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

### SKIN CONTACT

Liquid may irritate skin.

### EYE CONTACT

Splashes may irritate.

### OTHER HEALTH EFFECTS

Carcinogen Category 3.

### SPECIFIC EFFECTS

Contains a substance/a group of substances which may cause cancer.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### MOBILITY

The product has poor water-solubility.

## CYCLO® DIESEL FUEL TREATMENT

### 13 DISPOSAL CONSIDERATIONS

**GENERAL INFORMATION**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**DISPOSAL METHODS**

Recover and reclaim or recycle, if practical. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
ROAD TRANSPORT NOTES	Not regulated.
RAIL TRANSPORT NOTES	Not regulated.
SEA TRANSPORT NOTES	Not regulated.
AIR TRANSPORT NOTES	Not regulated.

### 15 REGULATORY INFORMATION

**LABELLING**



Harmful

CONTAINS	FUEL-OIL NO 2; GASOIL - UNSPECIFIED	
RISK PHRASES	R40	Limited evidence of a carcinogenic effect.
SAFETY PHRASES	S2	Keep out of the reach of children.
	S13	Keep away from food, drink and animal feeding stuffs.
	S36/37	Wear suitable protective clothing and gloves.
	S46	If swallowed, seek medical advice immediately and show this container or label.

**EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**STATUTORY INSTRUMENTS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

REVISION DATE July 2010  
 REV. NO./REPL. SDS GENERATED 1

## CYCLO® DIESEL FUEL TREATMENT

DATE July 2010

RISK PHRASES IN FULL

R10	Flammable.
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

Cyclo Industries Inc provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries Inc. makes no representations or warranties either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries Inc. will not be responsible for damages resulting from use of or reliance upon this information.