



## SAFETY DATA SHEET COMPLETE FUEL SYSTEM CLEANER

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

PRODUCT NAME COMPLETE FUEL SYSTEM CLEANER  
 APPLICATION Fuel Additive  
 SUPPLIER Clorox Car Care,  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ALKARYLPOLYETHER AMINE			30-60%	R53.
BRANCHED ALKENOL			1-5%	Xn;R22. Xi;R36/37/38. N;R51. R18,R67.
BRANCHED CHAIN ALKARYL HYDROCARBON	272-258-4		10-30%	Xn;R65. N;R51/53. R67.
LONG CHAIN ALKENOIC ACIDS IN XYLENE			< 1%	Xi;R36/37/38. N;R51/53. R10,R66,R67.
ODOURLESS KEROSENE	265-149-8	64742-47-8	30-60%	Xn;R65. R66.
POLYALKYLENE AMINE			5-10%	Xi;R38. R52/53.

The Full Text for all R-Phrases are Displayed 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. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xn;R65. R52/53, R67.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once.

#### INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

#### SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Contaminated clothing should be laundered before use. Get medical attention if any discomfort continues.

#### EYE CONTACT

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

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Water spray, fog or mist. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO<sub>2</sub>).

#### 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.

#### PROTECTIVE MEASURES IN FIRE

Wear suitable breathing apparatus.

### 6 ACCIDENTAL RELEASE MEASURES

## COMPLETE FUEL SYSTEM CLEANER

### SPILL CLEAN UP 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

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

### STORAGE PRECAUTIONS

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

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

### RESPIRATORY EQUIPMENT

In case of insufficient ventilation, wear suitable respiratory equipment.

### HAND PROTECTION

Use protective gloves made of: Resistant material.

### EYE PROTECTION

Wear approved safety goggles.

### OTHER PROTECTION

Use barrier creams to prevent skin contact.

### HYGIENE MEASURES

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	Amine.		
RELATIVE DENSITY	0.852 - 0.854	FLASH POINT (°C)	73 Not noted.

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

### HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of: Carbon.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Vapours may cause drowsiness and dizziness. Vapours may cause headache, fatigue, dizziness and nausea.

### INGESTION

Harmful: may cause lung damage if swallowed. Nausea, vomiting. Diarrhoea.

### SKIN CONTACT

Repeated exposure may cause skin dryness or cracking.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### BIOACCUMULATION

Low bioaccumulation potential.

**COMPLETE FUEL SYSTEM CLEANER**

## DEGRADABILITY

Not readily biodegradable.

**13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

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 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).

**15 REGULATORY INFORMATION**

## LABELLING



Harmful

## CONTAINS

BRANCHED CHAIN ALKARYL HYDROCARBON  
ODOURLESS KEROSENE

## RISK PHRASES

R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

## SAFETY PHRASES

S2	Keep out of the reach of children
S24	Avoid contact with skin.
S46	If swallowed, seek medical advice immediately and show this container or label.

**16 OTHER INFORMATION**

## REVISION COMMENTS

Compliant with CHIP 3.1 (29th ATP). No changes / amendments.

REVISION DATE 09-2005

REV. NO./REPL. SDS GENERATED 4 / 08-2004

## RISK PHRASES IN FULL

R10	Flammable.
R18	In use, may form flammable/explosive vapour-air mixture.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R38	Irritating to skin.
R51	Toxic to aquatic organisms.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53	May cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

## COMPLETE FUEL SYSTEM CLEANER

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