



SAFETY DATA SHEET

LEAD SUBSTITUTE WITH OCTANE BOOSTER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME LEAD SUBSTITUTE WITH OCTANE BOOSTER
 APPLICATION Fuel Additive
 SUPPLIER Clorox Car Care,
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 Ebbw Vale,
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE	202-436-9	95-63-6	1-5%	R10 Xn;R20 Xi;R36/37/38 N;R51/53
DICYCLOPENTADIENYLIRON	203-039-3	102-54-5	1-5%	Xn;R22. F;R11. N;R51/53.
MESITYLENE	203-604-4	108-67-8	< 1%	R10 Xi;R37 N;R51/53
ODOURLESS KEROSENE	265-149-8	64742-47-8	60-100%	Xn;R65. R66.
PROPYLBENZENE	203-132-9	103-65-1	< 1%	R10 Xn;R65 Xi;R37 N;R51/53
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA	265-199-0	64742-95-6	1-5%	Xn;R65.

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. Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R65. R52/53, R66.

4 FIRST-AID MEASURES

GENERAL INFORMATION

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 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 CONTACT

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.

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 (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.

SPECIFIC HAZARDS

Fire creates: Oxides of: Nitrogen. Carbon.

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6 ACCIDENTAL RELEASE MEASURES

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

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

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep upright. Ground container and transfer equipment to eliminate static electric sparks. Use container made of: Stainless steel. Mild steel.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

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

ENGINEERING MEASURES

Well-ventilated area.

RESPIRATORY EQUIPMENT

In case of insufficient ventilation, wear suitable respiratory equipment.

HAND PROTECTION

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.

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		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.810	FLASH POINT (°C)	73 CC (Closed cup).

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. 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. Unconsciousness.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking. Prolonged contact will result in defatting of the skin leading to irritation and possibly dermatitis.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

LEAD SUBSTITUTE WITH OCTANE BOOSTER**12 ECOLOGICAL INFORMATION**

ECOTOXICITY

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

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

ODOURLESS KEROSENE

RISK PHRASES

R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R65	Harmful: may cause lung damage if swallowed.

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.
R11	Highly flammable.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R51/53	Toxic to aquatic organisms, 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.

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