



Material Safety Data Sheet

Conforms to ISO 11014: 2009

ENGINE CLEANER RED

1. IDENTIFICATION ON THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product name : ENGINE CLEANER PURPLE RED
Use/description of product : Engine Cleaner
Company name : Kiarah Chemicals
 Unit 4
 Cnr. Berry and Nederveen Road
 Roodekop
 Germiston
 Tel: +2711 865 1199
 Fax: +2711 856 3671
 E-mail: kiarah@enyuka.com
Poison Centre : 0861 555 777 or 021 658 5308

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characteristic : Liquid
Ingredients :

- DISODIUM METASILICATE 3-10%
CAS 6834-92-0
[Xi] R37
- NON IONIC SURFACTANT 2-4%
CAS 127087-87-0
[Xi] R36/38

3. HAZARD IDENTIFICATION

Main hazards : No significant hazards. :

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4. FIRST-AID MEASURES

Symptoms

- Skin contact** : Unknown
- Eye contact** : There may be irritation and redness.
- Ingestion** : There may be soreness and redness of the mouth and throat.
- Inhalation** : Unknown

Actions

- Skin contact** : Wash immediately with plenty water.
- Eye contact** : Rinse with running water for 15 minutes. Seek medical attention.
- Ingestion** : Wash out mouth with running water. If conscious, give half a litre of water to drink immediately. Do not induce vomiting. Seek medical attention
- Inhalation** : Remove patient to fresh air

5. FIRE FIGHTING MEASURES

Extinguishing Media

- Suitable** : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, foam or fog. Do not use water jet.
- Not suitable** : No additional remark.
- Unusual fire/explosion hazard** : None
- Hazardous thermal** : Not applicable
- (de)composition products**
- Special fire-fighting procedures** : Fire fighters must wear positive pressure self-contained breathing apparatus and full approved turn-out gear

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Stop leak if without risk. Do not allow *large quantities* to enter drains or water courses
- Environmental precautions and clean-up methods** : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

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7. HANDLING AND STORAGE

- Handling** : Keep away from heat. Keep away from sources of ignition
Do not breathe fumes, vapour or spray
Do not mix with bleach or chlorinated products –
will cause chlorine gas.
- Storage** : Keep container tightly closed. Keep container in a cool well
ventilated area. Do not store below 0°C (32°F). Keep out of reach
of children
- Packaging materials**
- Recommended use** : Use original container
- Not suitable** : No additional remark.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering measures** : Provide proper ventilation of work station to limit concentration of
vapors.
- Hygiene measures** : Wash hands before and after use of product
- Occupational exposure limits** : Not applicable.
- Personal protective equipment**
- Respiratory system** : Wear appropriate respirator when ventilation is inadequate.
- Skin and body** : Personal protective clothing
- Hands** : Wear rubber gloves
- Eyes** : Wear safety glasses



9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : liquid
- Colour** : Red
- Odour** : Rose perfumed
- Oxidizing** : Non oxidizing
- Solubility in water** : Soluble
- pH** : 9-13
- Explosive properties** : None

10. STABILITY AND REACTIVITY

- Stability** : This product is stable.
- Conditions to avoid** : No additional remark.
- Materials to avoid** : Oxidizing agents.
- Hazardous Decomposition
Products.** : Not applicable.

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11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients** : Non Ionic surfactant
- Routes of exposure** : Refer to section 4 for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

- Mobility** : Readily absorbed into soil.
- Persistence and degradability** : Biodegradable.
- Biocumulative potential** : Slight bioaccumulation potential.
- Other adverse effects** : Slight ecotoxicity.

13. DISPOSAL CONSIDERATIONS




- Methods of disposal** : Observe local disposal methods

14. APPLICATION

Spray or apply onto engine. Agitate with hand brush and hose off. Alternatively, apply using an industrial steam cleaner. Leave to stand for 10 minutes and wash off with the steam cleaner.

14. TRANSPORT INFORMATION

Local/International transport regulations:

Regulatory information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
SABS 0228 CLASS	Not regulated	-	-			
IMDG Class	Not regulated	-	-			
IATA-DGR Class	Not regulated	-	-			

South African Transport Legislation: See SABS 0228, 0229, 0231, 0232-1, 0232-3, 1518

15. REGULATORY INFORMATION

SABS 0263/EU Regulations

Hazard symbol(s) :

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Harmful

- Indication of danger** : Harmful
- Risk phrases** : R22 – Harmful if swallowed
R36/38 – Irritating to eyes and skin.
R43 – May cause sensitization by skin contact.
- Safety phrases** : S2 - Keep out of reach of children.
S24 – Avoid skin contact.
S37 – Wear suitable gloves.
S46 – If swallowed, seek medical advice immediately and show this document, product container or label.
- Contains** : Nonylphenol Polyethylene Glycol Ether.
- Product use** : Consumer application.
- South Africa** : See The Occupational Health & Safety Act 85 of 1993.
- Storage legislation** : See SABS 072.

16. OTHER INFORMATION

Other special considerations : N/A

Notice to reader :
The above information is believed to be correct but does not purport to be inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

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