

MATERIAL SAFETY DATA SHEET

NO. EG

DATE ISSUED: 26/04/2005

REVISION NO: (1) SABS 17/37/9

ECOKLEEN PRODUCTS CC

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1. PRODUCT IDENTIFICATION:Product Name:ECO-KLEENProduct Code: EG

Product Description: Water-based degreaser with environmentally acceptable surfactants and Alkali builders.

2. COMPOSITION:This product is a Chemical PreparationHazardous Components

None

* Occupational Health and Safety Act annexure 1 OEL and BEI Tables.

3. HAZARDS IDENTIFICATION:

Main Hazard: Harmful if swallowed and irritating on eye contact.

Flammability: Non-Flammable

Chemical Hazard: Alkaline Product

Health Effects - Eyes: Can cause burning/irritation if splashed in eyes.
- Skin: May irritate skin with prolonged contact.
- Ingestion: May cause nausea and diarrhoea.
- Inhalation: None.

4. FIRST AID MEASURES:

Product - In eye: Immediately flush thoroughly with water. Get medical attention if irritation persists.

- On skin: rinse thoroughly with water. (R36/38)

- Ingested: DO NOT INDUCE VOMITING give water to drink. If necessary seek medical attention. (S45)

- Inhaled: None.

NOTE: The MSDS is compiled in accordance with General Administrative Regulation 7/annexure 1 of Occupational Health and Safety Act 85 of 1993 and SABS Specification ISO 11014-1994: Safety Data Sheet for chemical products. It also complies with requirements of Section 21 of Mine Health and Safety Act 26 of 1996.

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PRODUCT: ECO-KLEEN**ECOKLEEN PRODUCTS CC****5. FIRE FIGHTING MEASURES:**

Extinguishing Media: Product is non-flammable and will not support combustion.

Specific Hazards: None

Protective Clothing: Use normal fire fighting equipment.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Wear suitable protective clothing, gloves (this product inhibits de-fattening properties) and eye/face protection.
Ensure adequate ventilation

Environmental Precautions: Prevent large quantities getting into waterways.

Small Spills: Mop up and/or flush away with water.

Large Spills: Absorb into sand, collect and dispose to land fill. Flush residue away with water.

7. HANDLING AND STORAGE:

Handling Precautions: No special precautions. Normal handling care.

Storage Precautions: No special precautions. Keep containers closed. Normal good housekeeping Practices should be used.

Suitable Packaging Materials: H.D. Polyethylene drums and bottles.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Engineering Control Measures: Ensure adequate ventilation.

Occupational Exposure Limits: None.

Personal Protection

- Respiratory: Not required for normal use.
- Hands: Use gloves for extensive exposure.
- Eyes: None required for normal use.
- Skin/Body: Use overalls

Other Protection: None required for normal use. (S37/39)

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PHYSICAL AND CHEMICAL PROPERTIES:

Appearance; Clear Green Liquid

Odour: Sweet odour
pH : 10,5 – 11,00

Density: 1,05 Kg/Litre

Solubility - Water: Soluble

Flammability: Non-flammable

Boiling Point: 105 degrees C

Decomposition Temp: N/A

Flash Point: None

Auto ignition Temp: None

Explosive Properties: None

Oxidising Properties: None

10. STABILITY AND REACTIVITY:

Stability : Stable at ambient temperatures up to 50° C

Conditions to Avoid: None

Materials to Avoid : Acids

Hazardous Decomposition Products: None

11. TOXICOLOGICAL INFORMATION:

Acute Toxicity : None.

- Local Effects
- Eyes : Burning/irritation, if splashed in eyes.
 - Skin : Irritation / Redness / Drying with prolonged contact (this product inhibits de-fattening properties)
 - Ingestion: Nausea and diarrhoea may occur.
 - Inhalation: None.

12. ECOLOGICAL INFORMATION:

Biodegradability: Readily Biodegradable – Complies with the EEC directive 73/404/EEC on biodegradation for surfactants.

Bioaccumulation: Unlikely to accumulate in the aquatic environment.

Ecotoxicity: No data available.

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13. DISPOSAL CONSIDERATIONS:

Waste Disposal: Use landfill. Dilute and wash into drains. Do not mix with other chemical waste.

Packaging Disposal: Drain well and rinse thoroughly before recycling.

Dispose of in accordance with local waste authority/municipal regulations.

14. TRANSPORT INFORMATION:

U.N. No. / Substance Identity No: None.

Classification and Hazard Warning: Not classified as dangerous for transport by road or rail.

15. REGULATORY INFORMATION:

EEC Hazard Classification: Not classified as dangerous

Hazard Symbols: None required

Risk Phrases: R22 : Harmful if swallowed

Safety Phrases: S62 : If swallowed, do not induce vomiting: Seek medical advice promptly.

National / Local Regulations: None.

16. OTHER INFORMATION: None

This MSDS is accurate to the best of ECOKLEEN 'S knowledge and is based on information, which it considers to be reliable.

It is furnished without warranty with respect to the accuracy or completeness of the data, either expressed or implied.