



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY:

PRODUCT NAME: **Toilet Cleaner**
PRODUCT CODE: RETNE 021, 008, 039
SUPPLIER: **Biochem Trading (Pty) Ltd**
Address: Unit 16, 450 Kassier Road, Assagay, 3624
Tel: 031 768 1602
E-mail: sales@biochemproducts.co.za

2. COMPOSITION / INFORMATION ON INGREDIENTS:

INCI NAME: Water (Aqua), Decyl Glucoside, Pinus Sylvestris (Pine) Leaf Oil, Orange Extract, Potassium Sorbate, Sodium Benzoate, Xanthan Gum, Citric Acid, Cinnamomum Zeylanicum (Cinnamon) Leaf Oil, Eugenia Caryophyllus (Clove) Leaf Oil
HAZARDOUS COMPONENTS: None
CAS NUMBER: Product not classified

3. HAZARDS IDENTIFICATION:

PRIMARY HAZARDS: None
HEALTH EFFECTS
EYES: May cause minor irritation, transient pain and watering
INGESTION: May cause nausea and vomiting if ingested
INHALATION: Unlikely to occur
SKIN: May cause irritation and possibly hypersensitive reaction and contact dermatitis in some people

4. FIRST-AID MEASURES:

INHALATION: None, however remove from exposure site to fresh air. Keep at rest. Obtain medical attention if recovery is slow
EYE CONTACT: Remove contact lenses where possible, wash eye(s) immediately with plenty of water for at least 5 minutes. Contact a doctor if symptoms persist
INGESTION: Rinse mouth out with water. Seek medical advice immediately
OTHER: Advice to physicians, none

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Water spray, AFFF foam, chemical dry powder or carbon dioxide
UNSUITABLE: Extinguishing media – water jet
SPECIAL HAZARDS: When heated to decomposition may produce acrid smoke
PROTECTIVE EQUIPMENT: Self contained breathing apparatus and protective clothing



6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS: None

ENVIRONMENT PRECAUTIONS: None

SPILLAGES: Absorb spillage using a proprietary absorbent or sand, scoop up and place in a suitable container and dispose of as directed. Thoroughly wash contaminated area with water and detergent

7. HANDLING & STORAGE:

PRECAUTIONS IN HANDLING: When pouring avoid splashing. Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources at a temperature range 10-25°C & protected from light. Keep air contact to a minimum and prevent from freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

RESPIRATORY PROTECTION: None

VENTILATION: Ensure good ventilation of working area

HAND PROTECTION: Avoid all skin contact and use PVC or rubber gloves if necessary

EYE PROTECTION: Use safety glasses or face shield to BS EN166 standard while pouring or mixing

WORK/HYGIENE PRACTICES: Rinse hands with soap & water after handling

OCCUPATIONAL: Exposure standards, none reported

ENGINEERING CONTROL: Measures, none

GENERAL PROTECTION: Wear overalls

9. PHYSICAL & CHEMICAL PROPERTIES:

PHYSICAL APPEARANCE: Off-white gel

ODOUR: Characteristic

FLASH POINT °C: Not applicable

BOILING POINT °C: No test data

SOLUBILITY IN WATER: Miscible

SOLUBILITY IN ALCOHOL: Miscible

EXPLOSION LIMITS: Not applicable

WEIGHT (G/ML): 0.9500 G/ML

FLAMMABILITY: Not flammable

AUTO-IGNITION (°C): Not applicable

EXPLOSIVE PROPERTIES: Not applicable

OXIDISING PROPERTIES: None reported

VISCOSITY (CST): Mobile liquid

VAPOUR DENSITY (AIR=1): Not applicable



10. STABILITY & REACTIVITY:

STABILITY: Stable under normal conditions
 DECOMPOSTION: None
 CONDITIONS TO AVOID: High temperatures/freezing temperatures
 MATERIALS TO AVOID: None

11. TOXICOLOGICAL INFORMATION:

No data available

12. ECOLOGICAL INFORMATION:

MOBILITY: Mixes readily with water
 PERSISTENCE/DEGRADABILITY: No test data
 BIO ACCUMULATION: Not expected to bio-accumulate
 ECOTOXICITY: No data available

13. DISPOSAL CONSIDERATIONS:

PRODUCT DISPOSAL: Mix with water and pour into effluent drains. Product mixed with absorbent material may be disposed of as non hazardous waste
 CONTAINER DISPOSAL: Wash container out, remove label and send for recycling

14. TRANSPORT REGULATIONS:

ROAD (ADR/RID): N/A
 AIR (IATA): N/A
 SEA (IMDG): N/A
 CHIP: See section 15

15. REGULATORY INFORMATION: According to Directive 88/379/EEC

HAZARDS: N/A
 SYMBOLS: N/A
 RISK PHRASES: N/A
 SAFETY PHRASES: N/A

16. OTHER INFORMATION:

Manufactured with food grade preservatives

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	No
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes



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SHELF LIFE

When stored within advised conditions, minimum 18 months

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use