



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY:

PRODUCT NAME: **Nu-Eco Hand Cleanser**
PRODUCT CODE: RETNE 028, 029, 030, 072
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: Ethanol 73%, Water (Aqua), Hydroxypropylcellulose, Citric Acid, Citrus Aurantium Amara Extract, Citrus Aurantifolia (Lime) Oil, Mentha Vidoris (Spearmint) Leaf Oil
HAZARDOUS COMPONENTS: Ethanol – contains 73% (Hazchem code: 2SE)
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 contract 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: Use respiratory mask
VENTILATION: Ensure good ventilation of working area
HAND PROTECTION: Avoid all skin contact. Use PVC or rubber gloves
EYE PROTECTION: Use safety glasses or face shield to BS EN166 standard while pouring or mixing
WORK/HYGIENE PRACTICES: Wash 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: Clear gel
ODOUR: Characteristic
FLASH POINT °C: 22°C
BOILING POINT °C: 73 - 78°C
SOLUBILITY IN WATER: Miscible
SOLUBILITY IN ALCOHOL: Miscible
EXPLOSION LIMITS: Unknown
WEIGHT (G/ML): 0.835 G/ML
FLAMMABILITY: Flammable
AUTO-IGNITION (°C): 363°C
EXPLOSIVE PROPERTIES: Unknown
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. Excessive heat, open flames, welding arcs
 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: Hazchem code: 2SE
 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



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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

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