Green rooibos extract

SAFETY DATA SHEET (SDS)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Green rooibos extract
PRODUCT CODE: AL001

SUPPLIER:
Zuplex (Pty) Ltd
Umbogintwini Industrial Complex
1 Dickens Road, Umbogintwini,
Durban, South Africa
gill@zuplex.co.za
Tel: +27 82 458 0760

2. HAZARDS IDENTIFICATION

PRIMARY HAZARDS: None
HEALTH EFFECTS: Eyes may cause minor irritation, transient pain and watering
INGESTION: Not intended for ingestion. Under normal conditions, may cause nausea and vomiting if taken in excess
INHALATION: Unlikely to occur
SKIN: Unlikely to cause irritation

3. INFORMATION ON INGREDIENTS

Appearance: Clear red-brown liquid
INCI name: Aspalathus linearis leaf extract, 1,3-Propanediol, Water
CAS number: 776295-36-4, 504-63-2, 7732-18-5

4. FIRST AID MEASURES

INHALATION: None, however remove from exposure site to fresh air. 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.
SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water.
INGESTION: Rinse mouth out with water. Seek medical advice immediately.
OTHER: Advice to physicians, none
5. **FIREFIGHTING 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 AND 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 and 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: Non-hazardous. Wash hands after exposure.
   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 AND CHEMICAL PROPERTIES**
   APPEARANCE: Clear red-brown liquid
   ODOUR: Characteristic
   FLASH POINT/ °C: Not applicable
   BOILING POINT/ °C: Not tested
   SOLUBILITY IN WATER: Miscible
   SOLUBILITY IN ALCOHOL: Miscible
   EXPLOSION LIMITS: Not applicable
   DENSITY (g/ml): 1.04 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 AND REACTIVITY
STABILITY: Stable under normal conditions
DECOMPOSITION: None
CONDITIONS TO AVOID: High temperatures/freezing temperatures
MATERIALS TO AVOID: None

11. TOXICOLOGICAL INFORMATION
Contains no substances classified as dangerous

12. ECOLOGICAL INFORMATION
MOBILITY: Mixes readily with water
PERSISTENCE/DEGRADABILITY: Biodegradable
BIO ACCUMULATION: Not bio-accumulative
ECOTOXICITY: No data available

13. DISPOSAL CONSIDERATION
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 INFORMATION
Road (ADR/RID): Safe
AIR (IATA): Safe
SEA (IMDG): Safe
CHIP: See section 16

15. OTHER INFORMATION
Manufactured with no preservatives

PACKAGING:

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<thead>
<tr>
<th>Type</th>
<th>Suitability</th>
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<tbody>
<tr>
<td>Glass</td>
<td>Yes</td>
</tr>
<tr>
<td>Lacquer lined steel/tin</td>
<td>No</td>
</tr>
<tr>
<td>Aluminium</td>
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<tr>
<td>HPPE</td>
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<tr>
<td>F/HDPE</td>
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<td>Other plastic</td>
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16. REGULATORY INFORMATION
According to Directive 88/379/EEC
HAZARDS: N/A
SYMBOLS: N/A
RISK PHRASES: N/A
SAFETY PHRASES: N/A