

**MATERIAL SAFETY DATA SHEET  
TORCH COOLANT**

(Please ensure that this MSDS is received by appropriate person)

Date: January 2018

Version: 02

Ref.: MS144

**1 PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFICATION**

Product Name AFROX Torch Coolant  
 Chemical Formula  
 Trade Name AFROX Torch Coolant  
 Colour Coding.  
 Valves  
 SAPMA 3-H-C  
 Company Identification AFROX Malawi Limited  
 Johnstone Road  
 Ginnery Corner  
 Blamtyre  
 Tel No: +265(1)871 611  
 Fax No: +265(1)871 260

**EMERGENCY NUMBER +265(1)871 611 (24 Hours)**

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

EC Classification Not classified as hazardous  
 Chemical Name  
 Chemical Family  
 Ingredient Name 1-2 ETHANEDIOL <25%  
 CAS No. 107-27-1  
 UN No.  
 EC No. 603-027-00-1  
 EEC Labels XN OEL 60mg STOEL 125mg RL  
 (CL/RL = Controlled/Recommended level 'S' = Skin annotation)  
 ERG No.  
 Hazchem Warning

**3 HAZARDS IDENTIFICATION**

**Main Hazards**  
**Adverse Health Effects**  
**Chemical Hazards**  
**Biological Hazards**  
**SAPMA Health Rating** 3-SLIGHT - Irritation or minor reversible injury possible.  
**Inhalation** Avoid exposure to vapours, fumes and mists.  
**Eye Contact** Irritating  
**Skin Contact** Irritating, risk of Dermatitis. May be absorbed.  
**Ingestion** Irritating and nauseating.  
 NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISH.  
 Medium to long-term environmental effects.  
 Contain, collect and remove.

**4 FIRST AID MEASURES**

**Eye Contact** Rinse immediately with plenty of water. Seek medical advice if symptoms persist.  
**Skin Contact** Use hand cleaner/soap and water. Remove contaminated clothing. If any discomfort, get medical attention.  
**Ingestion** Wash mouth with plenty of water. **DO NOT** induce vomiting. Seek medical attention.  
**Inhalation** Move to fresh air.

**5 FIRE FIGHTING MEASURES**

**Extinguishing media** Non-combustible.  
**Specific Hazards** No direct explosion hazard expected.  
**Emergency Actions**  
**Protective Clothing**  
**Environmental precautions**

**6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**  
**Environmental Precautions** Keep out of drains and sewers.  
**Spillages** Contain and collect.

**7 HANDLING AND STORAGE**

Store only in designated places.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Hazards**  
**Engineering control measures**  
**Personal protection**  
**Skin** Use barrier cream and impervious gloves.  
**Inhalation** In case of insufficient ventilation, use suitable respiratory protection.  
**Eyes** Use face shield and goggles or full face respirator/hood. Avoid direct contact.  
**Ingestion** Observe the rules of hygiene. Wash before eating, drinking or smoking.  
**SAPMA Rating** 3-H-C  
**PPE** Eye protection.  
**OEL** 60mg STOEL 125mg RL

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL DATA**

Chemical Symbol  
 Molecular Weight  
 Specific Volume  
 Density  
 Relative density  
 Colour None  
 Taste  
 Odour None  
 Chemical class Low hazard material  
 Description Water based dispersion  
 SG t.b.e.  
 pH t.b.e.  
 Boil Point (°C) : >100  
 Flash Point (°C) : >100 (derived)  
 Water Miscible  
 Oil Insoluble

**10 STABILITY AND REACTIVITY**

**Conditions to avoid**  
**Incompatible** Inert - no reaction with fire-fighting water  
**Materials**  
**Hazardous Decomposition Products**  
**Stability** Stable under normal conditions

**11 TOXICOLOGICAL INFORMATION**

No carcinogenic, mutagenic or genetic effects established.  
 No carcinogenic, mutagenic or genetic effects established.  
 Reproductive Hazards No carcinogenic, mutagenic or genetic effects established.  
 LD50 Oral >500mg (derived)  
 Mutagenicity

**12 ECOLOGICAL INFORMATION**

Medium to long-term environmental effects. Contain, collect and remove.

**13 DISPOSAL CONSIDERATIONS**

**Disposal Methods** Use reputable waste disposal contractors  
**Disposal of packaging** Exercise caution in disposal of used containers.

Acute Toxicity Skin & eye contact  
 Chronic Toxicity  
 Carcinogenicity

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**14 TRANSPORT INFORMATION**

Not classified as dangerous for transport.

**ROAD TRANSPORTATION**

UN No.

ERG No

Hazchem warning

**SEA TRANSPORTATION**

IMDG

Class

Packaging group

Label

**AIR TRANSPORTATION**

ICAO/IATA Code

Class

Packaging group

Packaging instructions

- Cargo
- Passenger

Maximum quantity allowed

- Cargo
- Passenger

Not classified as dangerous for transport.

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**15 REGULATORY INFORMATION**

EEC Hazard class Not classified as hazardous.

National legislation: OHSact and Regulations 85 of 1993.

Reference: SANS 10234 and its supplement.

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**16 OTHER INFORMATION**

In case of any discomfort, always seek medical advice.

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**EXCLUSION OF LIABILITY**

Information contained in this publication is accurate at the date of publication. The company does not accept liability arising from the use of this information, or the use, application, adaptation or process of any products described herein.