

MATERIAL SAFETY DATA SHEET

AFROX TORCH COOLANT

DATE: 4 August 2004

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 African Oxygen Limited
 23 Webber Street
 Johannesburg, 2001
 Tel. No: (011) 490-0400
 Fax No: (011) 490-0506

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

Acute Toxicity

Skin & eye contact

Chronic Toxicity

Carcinogenicity No carcinogenic, mutagenic or genetic effects established.

Mutagenicity No carcinogenic, mutagenic or genetic effects established.

Reproductive Hazards No carcinogenic, mutagenic or genetic effects established.

LD50 Oral >500mg (derived)

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.

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.

15 REGULATORY INFORMATION

EEC Hazard class Not classified as hazardous.

EC No. N/A

Risk phrases

Safety phrases S2 - Keep out of reach of children. (Retail sales items).

National Legislation: None

Refer to SABS 0265 for explanation of the above.

16 OTHER INFORMATION

In case of any discomfort, always seek medical advice.

17 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.



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For product and safety enquiries please phone

**EMERGENCY N°:
0860020202 (24 hr)**