

MATERIAL SAFETY DATA SHEET

AFROX "SAFETEST" LEAK DETECTION FLUID

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

Date: January 2018

Version 2

Ref. No.: MS035

1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Product Name AFROX SAFETEST LEAK DETECTION FLUID
 Chemical Formula A blend of surfactants and light duty solvents.
 Trade Names Afrox Safe test leak detection fluid
 Chemsolve Nukleen is a safe formulation of a propriety brand of surfactants. All the following data applies to the concentrate of the above
 Company Identification African Oxygen Malawi Limited
 Johnstone road
 Ginnery Corner
 Blantyre
 Tel. No: +265(1)871 611
 Fax No: +265(1)871 260
 EMERGENCY NUMBER +265 871 611(24 hours)

2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Names Organic Surfactant
 UN No. None
 Hazchem Code: None
 Hazchem Warning None

3 HAZARDS IDENTIFICATION

Main Hazards This leak detection fluid has no particularly hazardous properties. When handling the concentrate, rubber gloves, an apron and eye protection should be worn

Eye Contact Slight dryness on prolonged contact
 Ingestion Possible Nausea, vomiting or diarrhoea

4 FIRST AID MEASURES

Wash affected skin with plenty of water
 Flush eyes with water for at least 15 minutes
 If ingested, get the patient to vomit.
 Allow to drink milk or water.
 Obtain Medical attention

5 FIRE FIGHTING MEASURES

Extinguishing media None required. This product is non-flammable. Remove containers from the vicinity of the fire. Keep containers cool that cannot be removed.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions Do not allow prolong contact of the liquid with the skin
Environmental Precautions. Does not pose a hazard to the environment
Small spills Maybe mopped up using a suitable absorbent material. Small amounts maybe flushed down the drain.
Large spills Prevent spreading by bunding. Collect material for suitable disposal.

7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated area, out of direct sunlight.
 Use a "First in-First-Out" inventory system to prevent full containers being stored for excessive periods of time. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure hazards None
Engineering control measures None
Personal protection Eye protection and protective gloves should be worn when handling the product for lengthy periods of time.

9 PHYSICAL AND CHEMICAL

PROPERTIES PHYSICAL DATA

Form: Clear amber liquid
Specific Gravity 1,02
 (Water = 1.00)
pH (10%) 7.2 – 8.2
Solubility 100% in water
Odour Pleasant fresh odour

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STABILITY AND REACTIVITY

Conditions to avoid Exposure to excessive heat for prolonged periods.
Incompatible materials Strong acids and alkalis
Hazardous Decomposition Products No published data

11 TOXICOLOGICAL INFORMATION

Acute Toxicity None
 Threshold limit value (TLV) No available data
 Immediate danger to live value (IDLH) No available data
 Skin & eye contact See Section 3 "Hazards identification"

12 ECOLOGICAL INFORMATION

Does not pose a hazard to Ecology.

13 DISPOSAL CONSIDERATIONS

Disposal Methods Small amounts maybe readily disposed of down the drains.
 Large amounts should be returned to the supplier for disposal.
Disposal of packaging Use any effective means for the disposal of the containers.

14 TRANSPORT INFORMATION

ROAD TRANSPORTATION
 As this a non-hazardous product, most means of road transport may be utilised.
SEA TRANSPORTATION
 No restrictions
AIR TRANSPORTATION
 No restrictions. IATA regulations to be observed.

15 REGULATORY INFORMATION

EEC Hazard class Not applicable
 Risk phrases
 National legislation OHSact and regulations (85 of 1993)
 Refer to SANS 10234 for explanation of the above

16 OTHER INFORMATION

Obtainable from:-
 Chemsolve System (Pty) Limited
 PO Box 12055,
 Chroorkop,
 1624

EXCLUSION OF LIABILITY

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