

SAFETY DATA SHEET (SDS)

Safetest Leak Detection Fluid

Review Date: 18/07/2022 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0072

1. PRODUCT AND COMPANY IDENTIFICATION

Product Synonym	Afrox Safetest Leak detection fluid
Chemical Formula	Formula A blend of surfactants and light duty solvents
Trade Name	Afrox Safetest
Colour Coding	Not coded
Product Code	W012045
Company Identification	African Oxygen Limited Grayston Office Park Building 7 128 Peter Road Sandown, Sandton, 2196 Tel. No: (011) 490-0400 Fax No: (011) 490-0530 Email: customer.service@afrox.linde.com www.afrox.com
Emergency Numbers	0860 02 02 02 (Afrox)

2. HAZARD IDENTIFICATION

Classification	Classification under South African Hazardous Chemical Substances Regulations subsequently amended. (HCS) Classification under the Globally Harmonized System of classification and labelling of chemicals (GHS)
Emergency Overview	Colour: None Odour: None Taste: Soapy Physical State: Liquid
Main Hazards	Slippery when spilt.
Adverse Health Effects	None
Chemical Hazards	Safetest non-reactive and non-toxic.
Biological Hazards	None
Vapour Inhalation	None
GHS Classification	None
GHS Pictogram	
GHS Signal Words	None
GHS Hazard Statements	None
GHS Precautionary Statements	None
Other Hazards that do not result in classification	None

3. COMPOSITION OF INGREDIENTS

Chemical name	Surfactants
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Chemical family	Surfactants
CAS No	Not applicable
UN No	Not applicable
ERG No	Not applicable
Hazard class	Not applicable
Hazchem Warning	Not applicable

4. FIRST AID MEASURES

Eye contact	Wash for 15 minutes with water
Skin Contact	None
Ingestion	Seek medical advice
Inhalation	None

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	All medias suitable
Unsuitable extinguishing media:	None
Specific Hazards	This leak detection fluid has no particularly hazardous properties. When handling the concentrate, rubber gloves, an apron and eye protection should be worn
Special fire fighting procedures:	None required. This product is non-flammable. Remove containers from the vicinity of the fire. Keep containers cool that cannot be removed.
Special protective equipment for firefighters:	Eye protection and protective gloves should be worn when handling the product for lengthy periods of time.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Eye protection and protective gloves should be worn when handling the product for lengthy periods of time.
Environmental Precautions	No available data
Methods and material for containment and cleaning up:	No available data.

7. HANDLING AND STORAGE

Safe Handling	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.
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Conditions for safe storage, including any incompatibilities	Exposure to excessive heat for prolonged periods Ensure good stock rotation practices.
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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
Occupational Exposure Hazards (HCS)	None
Engineering Control Measures	None
Personal Protection	Eye protection and protective gloves should be worn when handling the product for lengthy periods of time
Eyes	Safety glasses
Hands	Protective gloves
Body protection:	None
Feet	Safety shoes

9. PHYSICAL AND CHEMICAL PROPERTIES	
Chemical Name	Afrox Safe Test
Chemical Symbol	None
Physical state	Liquid
Form:	Liquid
Colour:	Clear Amber liquid
Odour:	Pleasant fresh odour
Odour Threshold:	None
pH:	7.2-8.2
Melting Point:	No data
Boiling Point:	No data
Sublimation Point:	No data
Critical Temp. (°C):	No data
Flash Point:	No data
Evaporation Rate:	No data
Flammability (solid, gas):	Not flammable
Flammability limit - upper (%):	No data
Flammability limit - lower(%):	No data
Vapour pressure:	No data
Vapour density (air=1)	No data
Relative density:	1.02
Solubility(ies)	
Solubility in Water:	Soluble in water
Partition coefficient (n-octanol/water):	No data
Autoignition Temperature:	No data
Decomposition Temperature:	No data
Viscosity	
Kinematic viscosity:	No data
Dynamic viscosity:	No data
Explosive properties:	Not applicable
Oxidising Properties:	Not applicable
Molecular weight	No data

10. STABILITY AND REACTIVITY	
Reactivity	No data
Chemical stability	No data
Possibility of hazardous reactions	No data
Conditions to avoid	No data
Incompatible Materials	No data
Hazardous Decomposition of Products	No data

11. TOXOLOGICAL INFORMATION	
Acute Toxicity	No data
Skin & eye contact	No data
Chronic Toxicity	No data
Carcinogenicity	No data
Mutagenicity	No data
Reproductive Hazards	No data

12. ECOLOGICAL INFORMATION	
Toxicity	- Non toxic
Persistence and degradability	- No data
Bioaccumulative Potential Product	- No data
Mobility in soil	- No data
Results of PBT and vPvB assessment	No data
Other adverse effects	- No data
Effect on ozone layer	- No data
Effect on the global warming (CO2=1)	- No data

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	- As per regulation for plastic material

14. TRANSPORT INFORMATION	
Road Transportation	
UN No.	NA
Shipping Name	NA
ERG No.	NA
Class	NA
Subsidiary Risk	NA
Hazchem Warning	NA
IMDG	NA
Shipping Name	NA
ERG No.	NA

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Class	NA
Subsidiary Risk	NA
Label	NA
ICAO/IATA Code	NA
Class	NA
Packing Group:	NA
Packaging instructions	NA

15. REGULATORY INFORMATION

EEC Hazard class:
National legislation OHSact and Regulations 85 of 1993.

SANS 11014:2010
Edition 1

SANS 10228:2012
Edition 6

SANS 10234:2019
Edition 2

SUPPLEMENT TO
SANS 10234
Edition 1

16. OTHER INFORMATION

- Ensure all national/local regulations are observed.
- Ensure users and relevant persons understand the asphyxiation hazard
- Regularly check supplier's information sources for updated versions of SDS's

Revision Date 18/07/2022 v01

Bibliography

Compressed Gas Association, Arlington, Virginia
Handbook of Compressed Gases - 3rd Edition
Matheson Gas Data Book - 6th Edition
SANS 11014 - Safety data sheet for chemical products:
Content and order of sections
SANS 10234 - List of classification and labelling of chemicals
in accordance with the Globally Harmonized System (GHS)
SANS 10265 – Classification and Labelling of Dangerous
Substances

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