

SAFETY DATA SHEET (SDS) AFROX ANTI-SPATTER

Please ensure that this SDS is received by the appropriate persons

Review Date: 28/09/2022 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0117

1. PRODUCT AND COMPANY IDENTIFICATION

| | |
|-------------------------------|---|
| Product Synonym | Afrox Anti-spatter |
| Chemical Formula | Formula A blend of Mixed glycerides and water with light duty solvents |
| Trade Name | Afrox Anti-spatter |
| Package | 500ml Trigger pack 5 Litre Refill Container |
| Product Code | W034013 W034014 |
| 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) |

| | |
|---|--------|
| Other Hazards that do not result in classification | - None |
|---|--------|

3. COMPOSITION OF INGREDIENTS

| | |
|------------------------|-------------------------|
| Chemical name | Mixed glycerides |
| Chemical family | |
| CAS No | 73398-61-5/7732-18-5 |
| UN No | 1950 |
| ERG No | 126 |
| Hazard class | 2.2 |
| Hazchem Warning | Aerosols, non-flammable |

4. FIRST AID MEASURES

| | |
|---------------------|---|
| Eye contact | Wash for 15 minutes with water. No direct hazard is expected but possible contact with any chemical must always be avoided. In case of any contact and discomfort, rinse well with water and seek medical advice. |
| Skin Contact | No hazard expected if used in moderation. Always wash after being in contact with chemical substances. |
| Ingestion | Seek medical advice. Irritating. Wash mouth with plenty of water. DO NOT induce vomiting. Seek medical advice |
| Inhalation | - No direct hazard established. Move to fresh air; in case of discomfort seek medical attention. |

5. FIRE-FIGHTING MEASURES

| | |
|---|--|
| Suitable extinguishing media | All medias suitable. Dried residues. No direct explosion hazard expected |
| Unsuitable extinguishing media: | - None |
| Specific Hazards | - This anti-spatter fluid has no particularly hazardous properties. When handling the concentrate, rubber gloves, an apron and eye protection should be worn. - Combustible with toxic fumes. |
| 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

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| Personal precautions, protective equipment and | Eye protection and protective gloves should be worn when handling the product for lengthy periods of time. |
|---|--|

2. HAZARD IDENTIFICATION

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|-------------------------------------|--|
| 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) - SAPMA Rating 4-MINIMAL - No great risk to health. - NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED. |
| Emergency Overview | Colour: None Odour: None Taste: None Physical State: Liquid |
| Main Hazards | - None |
| Adverse Health Effects | - None |
| Chemical Hazards | - Anti-spatter non-reactive and non-toxic. |
| Biological Hazards | - None |
| Vapour Inhalation | - None |
| GHS Classification | - None |
| GHS Pictogram | None |
| GHS Signal Words | None |
| GHS Hazard Statements | - None |
| GHS Precautionary Statements | - None |

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| emergency procedures: | |
| Environmental Precautions | May have short-term environmental effects. Contain, monitor and remove. |
| Methods and material for containment and cleaning up: | Contain and collect. Caution – can make floors slippery |

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. |
| Conditions for safe storage, including any incompatibilities | Exposure to excessive heat for prolonged periods Ensure good stock rotation practices. |

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|--|---|
| Occupational Exposure Hazards (HCS) | - SAPMA Rating – 4-H-C |
| Engineering Control Measures | None |
| Personal Protection | Eye protection and protective gloves should be worn when handling the product for lengthy periods of time |
| Eyes | Use face shield and goggles. Avoid direct contact |
| Hands | Observe the rules of hygiene. Wash hands before eating, drinking or smoking |
| Body protection | None |
| Feet | None |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|------------------------|
| Chemical Name | Afrox Anti-spatter |
| Chemical Symbol | None |
| Physical state | Liquid |
| Form: | Liquid |
| Colour: | Clear Pale Blue liquid |
| Odour: | Pleasant fresh odour |
| Odour Threshold: | None |
| S.G. | 1.0 |
| pH: | 7.0-8.0 |
| Melting Point: | No data |
| Boiling Point: | >100 |
| 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 (%): | Not flammable |
| Flammability limit - lower(%): | Not flammable |
| Vapour pressure: | No data |
| Vapour density (air=1) | No data |
| Relative density: | 1.00 |
| 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 | Stable if stored under normal conditions |
| Possibility of hazardous reactions | No data |
| Conditions to avoid | No data |
| Incompatible Materials | Inert – no reaction with fire-fighting water |
| 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 | Nontoxic |
| Persistence and degradability | No data |
| Bioaccumulative Potential | No data |
| Product | |
| Mobility in soil | No data |
| Results of PBT and vPvB assessment | No data |
| Other adverse effects | No data |
| Effect on ozone layer | No data |

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|---|---------|
| Effect on the global warming (CO ₂ =1) | No data |
|---|---------|

13. DISPOSAL CONSIDERATIONS

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|------------------------------|---|
| Disposal Methods | <ul style="list-style-type: none"> - Small amounts maybe readily disposed of down the drains. Large amounts should be returned to the supplier for disposal. - Minimal hazard. No problems contemplated in disposal |
| Disposal of Packaging | As per regulation for plastic material. Exercise caution when disposing of used containers |

14. TRANSPORT INFORMATION

Road Transportation

| | |
|-------------------------------|---|
| UN No. | 1950 |
| Shipping Name | Afrox Anti-spatter |
| ERG No. | 126 |
| Class | 2.2 |
| Subsidiary Risk | Non-flammable Non-toxic |
| Hazchem Warning | Not classified |
| | |
| IMDG | 1950 |
| Shipping Name | Afrox Anti-spatter |
| ERG No. | 126 |
| Class | 2.2 |
| Subsidiary Risk | Non-flammable Non-toxic |
| Label | Non-flammable Non-toxic |
| | |
| ICAO/IATA Code | None |
| Class | 2.2 |
| Packing Group: | 200 |
| Packaging instructions | <ul style="list-style-type: none"> - Passenger 75 kg - Cargo 150 kg |

15. REGULATORY INFORMATION

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|--|---|
| EEC Hazard class: non-Toxic, non-Corrosive gas. National legislation OHSact and Regulations 85 of 1993. | |
| SANS 11014:2010 Edition 1 | Safety data sheet for chemical products - Content and order of sections |
| SANS 10228:2012 Edition 6 | The identification and classification of dangerous goods for transport by road and rail modes |
| SANS 10234:2019 Edition 2 | Globally Harmonized System of classification and labelling of chemicals (GHS) |
| SUPPLEMENT TO SANS 10234 Edition 1 | List of classification and labelling of chemicals in accordance with the Globally Harmonized System (GHS) |

16. OTHER INFORMATION

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| <ul style="list-style-type: none"> - 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 |
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- DATA SOURCE: OEL - Derived from OHS Act Regulations for Dangerous Chemical Substances dated 25 August 1995 (EH-42)
- SAPMA: South African Paint Manufacturers Guide to Health Hazards (SABS ARP006: 1991).

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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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