


**SAFETY DATA SHEET (SDS)**  
**Afrox Spatter Release Non-Silicone Aerosol**

Review Date: 28/08/2023 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0079

1. PRODUCT AND COMPANY IDENTIFICATION	
<b>Product Synonym</b>	SPRAFROX Spatter Release Non-Silicone Aerosol
<b>Chemical Formula</b>	Formula A blend of Mixed silicones with light duty solvents
<b>Trade Name</b>	Spatter Release Non-Silicone Aerosol
<b>Package</b>	500ml Can
<b>Product Code</b>	W034010
<b>Company Identification</b>	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: <a href="mailto:customer.service@afrox.linde.com">customer.service@afrox.linde.com</a> <a href="http://www.afrox.com">www.afrox.com</a>
<b>Emergency Numbers</b>	<b>0860 02 02 02 (Afrox)</b>

2. HAZARD IDENTIFICATION	
<b>Classification</b>	Classification under South African Hazardous Chemical Substances Regulations subsequently amended. (HCS) Classification under the Globally Harmonized System of classification and labelling of chemicals (GHS)
<b>Emergency Overview</b>	Colour: None Odour: None Taste: None Physical State: Liquid
<b>Main Hazards</b>	Flammable Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C
<b>Adverse Health Effects</b>	None
<b>Chemical Hazards</b>	Non-reactive and non-toxic
<b>Biological Hazards</b>	None
<b>Vapour Inhalation</b>	Exposure to the gas may have the following effects: dizziness, drowsiness, loss of consciousness. Acts as a simple asphyxiant; concentrations in excess of 14% may cause symptoms of oxygen deficiency, leading to loss of consciousness if exposure continue
<b>GHS Classification</b>	Flammable Aerosols – category 2
<b>GHS Pictogram</b>	
<b>GHS Signal Words</b>	Warning
<b>GHS Hazard Statements</b>	<b>H229:</b> Pressurized container: may burst if heated <b>H223:</b> Flammable Aerosol
<b>GHS Precautionary Statements</b>	<b>Prevention:</b> <b>P210:</b> Keep away from heat/sparks/open flames/hot surfaces. No smoking

	<b>P251:</b> Do not pierce or burn, even after use <b>P211:</b> Do not spray on an open flame or other ignition source <b>Response:</b> <b>Storage:</b> <b>P410 + P412:</b> Protect from sunlight. Do not expose to temperatures exceeding 50 °C <b>Disposal:</b>
<b>Other Hazards that do not result in classification</b>	Pressurised container may burst if heated

3. COMPOSITION OF INGREDIENTS	
<b>Chemical name</b>	Mixed glycerides
<b>Chemical family</b>	Propellant Concentrate Aerosol
<b>CAS No</b>	73398-61-5/7732-18-5
<b>UN No</b>	1950
<b>ERG No</b>	126
<b>Hazard class</b>	2.1
<b>Hazchem Warning</b>	Aerosols, Flammable

4. FIRST AID MEASURES	
<b>Eye contact</b>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists
<b>Skin Contact</b>	Wash skin with soap and water
<b>Ingestion</b>	Wash out mouth with water. If any material enters the lungs, for example during swallowing Inhalation or vomiting, obtain medical attention urgently. Seek medical advice
<b>Inhalation</b>	Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows signs of failing, give artificial respiration. Obtain medical attention

5. FIRE-FIGHTING MEASURES	
<b>Suitable extinguishing media</b>	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray. Do not use water jet.
<b>Unsuitable extinguishing media:</b>	Do not use water jet
<b>Specific Hazards</b>	This anti-spatter fluid has no particularly hazardous properties. When handling the concentrate, rubber gloves, an apron and eye protection should be worn Containers may explode in heat of fire. May form explosive mixtures with air
<b>Special fire fighting procedures:</b>	None required. This product is non-flammable. Remove containers from the vicinity of the fire. Keep containers cool that cannot be removed

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<b>Special protective equipment for firefighters:</b>	Wear full protective clothing and self contained breathing apparatus Eye protection and protective gloves should be worn when handling the product for lengthy periods of time
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6. ACCIDENTAL RELEASE MEASURES	
<b>Personal precautions, protective equipment and emergency procedures:</b>	Eliminate all sources of ignition. Beware of gas accumulating to form explosive concentrations. Vapours can accumulate in low areas Eye protection and protective gloves should be worn when handling the product for lengthy periods of time
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses
<b>Methods and material for containment and cleaning up:</b>	Transfer into suitable containers for recovery or disposal. Remove leaking containers to a safe place. Beware of gas accumulating to form explosive concentrations

7. HANDLING AND STORAGE	
<b>Safe Handling</b>	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
<b>Conditions for safe storage, including any incompatibilities</b>	Exposure to excessive heat for prolonged periods Ensure good stock rotation practices. Storage area should be cool, dry, out of direct sunlight. Store away from sources of heat or ignition. Storage temperature should be kept below 50°C. Sealed containers may rupture explosively if exposed to heat

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION	
<b>Occupational Exposure Hazards (HCS)</b>	No Data
<b>Engineering Control Measures</b>	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure
<b>Personal Protection</b>	Eye protection and protective gloves should be worn when handling the product for lengthy periods of time During application, adequate ventilation must be provided
<b>Eyes</b>	Chemical goggles if there is a risk of splashing
<b>Hands</b>	Protective gloves
<b>Body protection</b>	Wear overall or apron
<b>Feet</b>	None

9. PHYSICAL AND CHEMICAL PROPERTIES	
<b>Chemical Name</b>	Spatter Release Non-Silicone Aerosol
<b>Chemical Symbol</b>	None
<b>Physical state</b>	Liquid
<b>Form:</b>	Liquid
<b>Colour:</b>	Clear Amber liquid
<b>Odour:</b>	Etheral odour
<b>Odour Threshold:</b>	None
<b>pH:</b>	7.0-8.0
<b>Melting Point:</b>	No data
<b>Boiling Point:</b>	Residual liquid: Boils above 250
<b>Sublimation Point:</b>	No data
<b>Critical Temp. (°C):</b>	No data
<b>Flash Point:</b>	<-1.8
<b>Evaporation Rate:</b>	No data
<b>Flammability (solid, gas):</b>	Not flammable
<b>Flammability limit - upper (%):</b>	Not flammable
<b>Flammability limit - lower(%):</b>	Not flammable
<b>Vapour pressure:</b>	560 at 25°C
<b>Vapour density (air=1)</b>	No data
<b>Relative density:</b>	1.00
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Soluble in water
<b>Partition coefficient (n-octanol/water):</b>	No data
<b>Autoignition Temperature:</b>	370
<b>Decomposition Temperature:</b>	No data
<b>Viscosity</b>	
<b>Kinematic viscosity:</b>	No data
<b>Dynamic viscosity:</b>	45 at 25°C
<b>Explosive properties:</b>	Not applicable
<b>Oxidising Properties:</b>	Not applicable
<b>Molecular weight</b>	No data

10. STABILITY AND REACTIVITY	
<b>Reactivity</b>	No data
<b>Chemical stability</b>	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	No data
<b>Conditions to avoid</b>	Temperatures in excess of 50°C. Exposure to direct sunlight
<b>Incompatible Materials</b>	Strong oxidising agents
<b>Hazardous Decomposition of Products</b>	Combustion will generate oxides of carbon

11. TOXOLOGICAL INFORMATION	
<b>Acute Toxicity</b>	This chemical occurs naturally and widely in nature
<b>Skin &amp; eye contact</b>	Data for a closely related material suggest that this product is unlikely to cause irritation of the eye
<b>Chronic Toxicity</b>	No data
<b>Carcinogenicity</b>	No data
<b>Mutagenicity</b>	No data

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<b>Reproductive Hazards</b>	No data
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12. ECOLOGICAL INFORMATION	
<b>Toxicity</b>	Nontoxic
<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Bioaccumulative Potential Product</b>	Product is not expected to bio-accumulate
<b>Mobility in soil</b>	The product is poorly absorbed onto soils or sediments. If released to water the product will float
<b>Results of PBT and vPvB assessment</b>	No data
<b>Other adverse effects</b>	The product is rated as non-hazardous to aquatic species.
<b>Effect on ozone layer</b>	No data
<b>Effect on the global warming (CO<sub>2</sub>=1)</b>	No data

13. DISPOSAL CONSIDERATIONS	
<b>Disposal Methods</b>	Small amounts maybe readily disposed of down the drains. Large amounts should be returned to the supplier for disposal. Remove leaking container to a safe place. Do not incinerate closed containers. Dispose of in accordance with all applicable local and national regulations.
<b>Disposal of Packaging</b>	As per regulation for plastic material Do not cut, puncture or weld on or near to the container. Do not incinerate closed containers.

14. TRANSPORT INFORMATION	
<b>Road Transportation</b>	
<b>UN No.</b>	1950
<b>Shipping Name</b>	Spatter Release Non-Silicone Aerosol
<b>ERG No.</b>	126
<b>Class</b>	2.1
<b>Subsidiary Risk</b>	Flammable, Non-toxic
<b>Hazchem Warning</b>	5F Flammable
<b>IMDG</b>	
<b>UN No.</b>	1950
<b>Shipping Name</b>	Spatter Release Non-Silicone Aerosol
<b>ERG No.</b>	126
<b>Class</b>	2.1
<b>Subsidiary Risk</b>	Flammable, Non-toxic
<b>Label</b>	Flammable
<b>ICAO/IATA Code</b>	
<b>Class</b>	2.1
<b>Packing Group:</b>	200
<b>Packaging instructions</b>	Passenger 75 kg Cargo 150 kg

15. REGULATORY INFORMATION	
EEC Hazard class: non-Toxic, non-Corrosive gas. National legislation OHSact and Regulations 85 of 1993.	
<b>SANS 11014:2010 Edition 1</b>	

	Safety data sheet for chemical products - Content and order of sections
<b>SANS 10228:2012 Edition 6</b>	The identification and classification of dangerous goods for transport by road and rail modes
<b>SANS 10234:2019 Edition 2</b>	Globally Harmonized System of classification and labelling of chemicals (GHS)
<b>SUPPLEMENT TO SANS 10234 Edition 1</b>	List of classification and labelling of chemicals in accordance with the Globally Harmonized System (GHS)

16. OTHER INFORMATION	
<ul style="list-style-type: none"> <li>- Ensure all national/local regulations are observed.</li> <li>- Ensure users and relevant persons understand the asphyxiation hazard</li> <li>- Regularly check supplier's information sources for updated versions of SDS's</li> </ul>	
<b>Revision Date</b>	28/08/2023 v01
<b>Bibliography</b>	
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	
<b>EXCLUSION OF LIABILITY</b>	
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