

SAFETY DATA SHEET (SDS)

Afrox Spatter Release Non-Silicone Aerosol

Review Date: 28/09/2022 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0079

1. PRODUCT AND COMPANY IDENTIFICATION

Product Synonym	SPRAFROX Spatter Release Non-Silicone Aerosol
Chemical Formula	Formula A blend of Mixed silicones with light duty solvents
Trade Name	Spatter Release Non-Silicone Aerosol
Package	500ml Can
Product Code	W034010
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: None Physical State: Liquid
Main Hazards	- R12 – Extremely flammable - Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. - In use, may form flammable/explosive vapour-air mixture
Adverse Health Effects	- None
Chemical Hazards	- non-reactive and non-toxic.
Biological Hazards	- None
Vapour Inhalation	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
GHS Classification	- None
GHS Pictogram	None
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	Mixed glycerides
Chemical family	Propellant Concentrate Aerosol : R
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	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
Skin Contact	Wash skin with soap and water
Ingestion	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
Inhalation	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

Suitable extinguishing media	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray. Do not use water jet.
Unsuitable extinguishing media:	- Do not use water jet
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 Containers may explode in heat of fire. May form explosive mixtures with air
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:	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.

SAFETY DATA SHEET (SDS)

Afrox Spatter Release Non-Silicone Aerosol

Review Date: 28/09/2022 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0079

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	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.
Environmental Precautions	Try to prevent the material from entering drains or water courses
Methods and material for containment and cleaning up:	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

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. 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

Occupational Exposure Hazards (HCS)	Propellant: Propane / Butane UK EH40: OES 600ppm (1450mg/m3) 8h TWA UK EH40: OES 750ppm (1810mg/m3) 15h TWA FRG: MAK 1000ppm (2350mg/m3) 8h TWA Peak limitation category IV ACGIH TLV 800ppm (1900mg/m3) 8h TWA
Engineering Control Measures	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.
Personal Protection	Eye protection and protective gloves should be worn when handling the product for lengthy periods of time During application, adequate ventilation must be provided.
Eyes	Chemical goggles if there is a risk of splashing
Hands	Protective gloves
Body protection:	Wear overall or apron

Feet - None

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Spatter Release Non-Silicone Aerosol
Chemical Symbol	None
Physical state	Liquid
Form:	Liquid
Colour:	Clear Amber liquid
Odour:	Etheral odour
Odour Threshold:	None
pH:	7.0-8.0
Melting Point:	No data
Boiling Point:	Residual liquid: Boils above 250
Sublimation Point:	No data
Critical Temp. (°C):	No data
Flash Point:	<-1.8
Evaporation Rate:	No data
Flammability (solid, gas):	Not flammable
Flammability limit - upper (%):	Not flammable
Flammability limit - lower(%):	Not flammable
Vapour pressure:	560 at 25°C
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:	370
Decomposition Temperature:	No data
Viscosity	
Kinematic viscosity:	No data
Dynamic viscosity:	45 at 25°C
Explosive properties:	Not applicable
Oxidising Properties:	Not applicable
Molecular weight	No data

10. STABILITY AND REACTIVITY

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

11. TOXOLOGICAL INFORMATION

Acute Toxicity	This chemical occurs naturally and widely in nature
Skin & eye contact	Data for a closely related material suggest that this product is unlikely to cause irritation of the eye

SAFETY DATA SHEET (SDS)

Afrox Spatter Release Non-Silicone Aerosol

Review Date: 28/09/2022 v01

Emergency: 0860 02 02 02

Document Number: AFX-SDS-0079

Chronic Toxicity	No data
Carcinogenicity	No data
Mutagenicity	No data
Reproductive Hazards	No data

Packaging instructions	- Passenger 75 kg - Cargo 150 kg
------------------------	-------------------------------------

12. ECOLOGICAL INFORMATION

Toxicity	Nontoxic
Persistence and degradability	The product is readily biodegradable.
Bioaccumulative Potential Product	Product is not expected to bio-accumulate
Mobility in soil	The product is poorly absorbed onto soils or sediments. If released to water the product will float
Results of PBT and vPvB assessment	No data
Other adverse effects	The product is rated as non-hazardous to aquatic species.
Effect on ozone layer	No data
Effect on the global warming (CO ₂ =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. Remove leaking container to a safe place. Do not incinerate closed containers. Dispose of in accordance with all applicable local and national regulations.
Disposal of Packaging	- 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

Road Transportation

UN No.	1950
Shipping Name	Spatter Release Non-Silicone Aerosol
ERG No.	126
Class	2.2
Subsidiary Risk	Non-flammable Non-toxic
Hazchem Warning	Not classified
IMDG	1950
Shipping Name	Spatter Release Non-Silicone Aerosol
ERG No.	126
Class	2.2
Subsidiary Risk	Non-flammable Non-toxic
Label	Non-flammable
ICAO/IATA Code	None
Class	2.2
Packing Group:	200

15. REGULATORY INFORMATION

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

- 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	28/09/2022 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

EXCLUSION OF LIABILITY

Whilst AFROX made best endeavour to ensure that the information contained in this publication is accurate at the date of publication, AFROX does not accept liability for an inaccuracy or liability arising from the use of this information, or the use, application, adaptation or process of any products described herein.