



SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Identity

Trade Name	BioFOG Sanitizer Fogger 120 ml / 400 ml
Chemical Name	Ethanol, Benzalkonium chloride, Hydrocarbon Aerosol Propellant
Intended Use	Sanitizer Fogger
Method of Use	Aerosol Fogger
Company	Hygiene and Sanitise Africa (Pty) Ltd 114 17 th Avenue, Springfield, Port Elizabeth, 6070
Email address	gavin@nduna.co.za
Emergency no	+27 82 5548459 Poisons helpline 0861 555 777

Section 2 – Hazard(s) Identification

Aerosol, category 1	H222; H229
Serious eye damage / eye irritation, Category 2A	H319
Hazardous to the aquatic environment- Acute Hazard, Category 2	H401
Hazardous to the aquatic environment- Chronic Hazard, Category 3	H412

GHS Label elements

Hazard pictograms (GHS-ZA)



GHS02



GHS07



GHS08

Signal word	Danger
Hazard statements	H222 Extremely Flammable aerosol H229 Pressurized container. May burst if heated H319 Causes serious eye irritation H302 Harmful if swallowed H401 Toxic to aquatic life H412 Harmful to aquatic life with long lasting effects
Precautionary statements	P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read label before use P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P211 Do not spray on an open flame or other ignition source

- P251 Do not pierce or burn, even after use
 P264 Wash hands and face thoroughly after handling
 P273 Avoid release to environment
 P280 Wear eye protection, protective gloves
 P305 + P351 + P338 If in eyes: rinse cautiously with water for several minutes remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 If eye irritation persists, get medical advice, medical attention
 P410 + P412 Protect from sunlight. Do not expose to temperature exceeding 50 °C
 P501 Dispose of contents and container to an approved waste disposal

Section 3 – Composition/information on ingredients

Chemical description Liquid solvent with hydrocarbon propellant

Hazardous Ingredients:

Chemical Name	CAS no	Approx %	Hazard Statements	Precautionary Statements
Ethanol	64-17-5	70 – 80	H225, H302, H319	P102, P103, P210, P264, P280, P305, P313, P337, P338, P351
Benzalkonium chloride	68989-00-4	< 5	H302, H312, H314, H400	P273, P280, P301, P330, P302, P352, P305, P351, P338, P308, P310
Hydrocarbon Aerosol Propellant	106-97-8 / 74-98-6	20 -30	H229	P210, P211, P251, P377, P381, P410, P412, P501

Section 4 – First Aid Measures

- Inhalation In case of high concentrations of vapour, remove person to fresh air and keep comfortable for breathing.
- Skin Wash thoroughly with plenty of water.
- Eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, seek medical help.
- Ingestion If swallowed, call a poison centre or doctor immediately. Do not induce vomiting without medical advice.

Section 5 – Fire Fighting Measures

- Suitable extinguishing media Carbon dioxide, dry powder, alcohol resistant foam. Use water spray only to cool containers in the event of a fire.
- Advice for fire fighters Avoid inhalation of vapour and flue gases – seek fresh air. Wear self-contained breathing apparatus (SCBA) with complete protective clothing.

Section 6 – Accidental Release Measures

Under normal use conditions the chemicals in this product do not pose an acute risk of poisoning. Product will evaporate.

Section 7 – Handling and Storage

Keep away from heat/sparks/open flames/hot surfaces – No smoking where material is stored or handled. Do not spray onto an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Keep away from heat and sunlight. Store in a cool place below 30°C with adequate ventilation.

KEEP OUT OF REACH OF CHILDREN

Section 8 – Exposure controls and personal protection

Single exposure effects:

Be careful to spray with button facing away from face

Inhalation Dizziness and Nausea

Eyes Will burn eyes

Skin Drying (defatting) of skin – irritation of sensitive or inflamed areas

Repeated exposure effects:

Skin Could aggravate drying effect

Inhalation Dizziness and Nausea

Section 9 – Physical and Chemical Properties

Appearance Clear colourless liquid

Odour Characteristic smell

Volatility N/A

Solubility (H₂O) N/A

Melting point N/A

Specific Gravity Concentrate: 0,8
Propellant: 0,562

Section 10 – Stability and reactivity

Stability Minimum 24 month's shelf life – if stored under the recommended conditions.

Conditions to avoid Excessive heat and fire

Incompatible materials Strong oxidizing agents. Strong acids.

Hazardous decomposition

Products Toxic fumes on exposure to high temperatures

Section 11 – Toxicological information

Not available

Section 12 – Ecological information

Not packed with Fluorocarbons. CFC free.

Section 13 – Disposal considerations

Waste treatment methods:

Dispose of waste and residues in accordance with local authority requirements. Do not puncture or incinerate even when empty. Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of contaminated packaging as unused product.

Section 14 – Transport information

UN number: 1950

Proper shipping name: Aerosols, flammable (each not exceeding 1L capacity)

Class: 2.1

Packing group: None



Section 15 – Regulatory information

As per section2

Section 16 – Other information

All information is based on current information available. Data is to the best of our knowledge correct – we cannot be held responsible.

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