



NATIONAL ADHESIVE DISTRIBUTORS

CK 2000/063562/23 VAT No.: 4370194633

Head Office:
Phone: (031) 464 0273
93 Goodwood Road
Mahogany Ridge
Durban, 3608

Fax: (031) 464 0107
PO Box 28089
Malvern
4055

JHB Branch:
Phone: (011) 021 4177
Unit 6, Hambleton Park
98 Richards Drive, Halfway House
Midrand, JHB, 1686

CPT Branch:
Phone: (021) 801 4258
Unit B19, Icon Park
Fourie Street, Brackenfell
Cape, 7560

Fax: 086 544 8866/
086 544 8877
PO Box 8599
Halfway House
Midrand, 1685

Fax: 086 547 5373/
086 527 1045
PO Box 761
Brackenfell
7561

Virginia, USA:
Phone: (+1) 571 340 4478
8280 Willow Oaks
Corporate Drive
Suite 600
Fairfax, VA, 22031

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Date: 27-05-2020

Product Name: GlueDevil VIROMIST Sanitizing Aerosol Spray

Product Codes: 50-VIROMIST7825

Supplier: National Adhesive Distributors cc
93 Goodwood Road
Mahogany Ridge
Durban

Fax: +27 31 464 0107

Emergency Phone: +27 82 903 2746 (Shane)

DESCRIPTION

Alcohol based sanitizing aerosol spray

APPEARANCE

Clear vapour

PACKAGING

250ml aerosol can.

SAFETY, HANDLING AND STORAGE

Store in a dry, well-ventilated area. Avoid exposure to sunlight and heat, and storage periods in excess of 12 months.



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2. COMPSITION/INFORMATION ON INGREDIENTS

Chemical Entity:	Solvents	
	CAS NO	MASS%
Ethanol:	64-17-5	75 – 80%

3. HAZARDS IDENTIFICATIONS

Main Hazard:	Flammable.
Health effects:	Irritant to eyes, May be irritant to skin, eyes and respiratory tract.
Flammability:	21°C

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. Seek medical attention if breathing is difficult.
Eye Contact:	Flush with large quantities of water for 5 minutes. Seek medical assistance if the condition persists.
Skin Contact:	Flush with water. Remove contaminated clothing.
Oral Ingestion:	Induce vomiting. Give 2 glasses water. Seek medical assistance.

5. FIRE CONTROL MEASURES

Extinguishing Media:	Foam, water spray or carbon dioxide extinguishers.
Protective Clothing:	Suitable respirators.
Special Hazards:	Flammable. Vapours form flammable mixtures with air at room temperature. Containers may explode in heat of fire. Irritating or toxic substances may be emitted upon thermal decomposition.

6. MEASURES ON ACCIDENTAL RELEASE OF THE SUBSTANCE

Isolate the spill area, and use absorbent material to mop up the spilled material. Clean-up personnel should wear rubber gloves eye wear and respiratory protection. Avoid contamination of water ways. Allow good ventilation to avoid vapour build up.



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7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Do not eat or smoke during use and wash hands before breaks and before finishing work. Keep containers firmly closed when not in use.

Storage: Store in a dry, well ventilated place. Protect from sunlight and avoid temperatures above 50° C.

8. MEASURES FOR CONTROLLING EXPOSURE/PERSONAL PROTECTION

Technical Measures: Use only in well ventilated areas or apply forced ventilation.

Occupational exposure limits: Ethanol TWA 8 HOURS 1000ppm. STEL None

Personal Protection:

Respiratory Tract: If ventilation is inadequate use a suitable respirator.

Hands: Avoid skin contact, otherwise wear rubber gloves.

Eyes: Wear safety goggles if splashing is likely.

Skin: Wear suitable overalls or protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear vapour

Odour: Spirits

Solids Content: N/A

pH: 6

Boiling Range: >80°C

Flash Point: 21°C

Explosive Properties: Not tested

Flammable limits in air by volume:

Upper: 20%



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Lower: 5.0%

Oxidising Properties: None

Relative Density: 0.8 - 0.86kg/l

Water Soluble: Yes

Solvent Soluble: Yes

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Sources of heat and ignition, open flames.

Materials to avoid: Oxidizing agents.

Hazardous Decomposition Products: Not known

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL DATA

Acute toxicity: LD50 > 7,000mg/kg (oral, rat)

LD50 > 20,000mg/kg (dermal, rabbit)

LC50 > 60,000mg/L/4 hours (inhalation, rat)

Skin and eye contact: Irritant to skin and eyes.

Chronic toxicity: But not toxic to CNS.

Carcinogenicity: No carcinogenic effects were observed.

Neurological effects: No neurotoxicity observed.

Mutagenicity: The product tested negative in a series of mutagenic tests.

Teratogenicity: Levels greater than 1500ppm may adversely affect foetal development.



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12. ECOLOGICAL DATA

Ecotoxicity:

Fish expected to be toxic (Salmon) LC/EC50: 15.3mg/l at 96 hours.

Aquatic invertebrates expected to be toxic (Daphnia) LC/EC50: 5012mg/l at 48 hours.

(Green algae) LC/EC50: 275mg/l at 72 hours.

Persistence/degradability: Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.

Mobility: Mixes with water. Adsorbs to soil poorly and has low mobility.

Bioaccumulation: Does not show signs of bioaccumulation.

13. INSTRUCTIONS FOR REMOVAL

Provide ventilation, and isolate the spill area. Keep ignition sources away. Use absorbent material e.g. sand, saw dust, to mop up spilled material. Collect absorbent material into metal containers and dispose of in accordance with all applicable hazardous waste regulations.

14. INFORMATION CONCERNING TRANSPORT

UN no.: 1993

Transport by land ADR/RID (cross border/internal)

IMDG Shipping Name: Flammable vapour.

IMDG Class: 3

IMDG Packing Group: II

IMDG Marine Pollutant: Not a marine pollutant

IMDG EMS No.: F-E, S-D

IMDG MFAG table no.: 3074

15. REGULATORY INFORMATION

Protect from sunlight and do not expose to temperatures exceeding 50 degrees C.



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Indication of danger:

Xi – Irritant



Risk phrases:

- R10 Flammable
- R20 Harmful by inhalation
- R36 Irritating to eyes.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- S2 Keep out of the reach of children.
- S9 Keep container in well ventilated place.
- S16 Keep away from sources of ignition.
- S25 Avoid contact with eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.

16. OTHER INFORMATION

Legal Disclaimer:

The information contained in this data sheet was obtained from a variety of sources and is believed to be accurate and current at the stated issue date. National Adhesive Distributors CC and/ or its agents cannot accept liability for the use of information contained in this data sheet or for the use, application or processing of the product described in the data sheet. Users should note the possibility of hazards occurring due to improper uses if the product.

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REVISED MAY 2020