



NATIONAL ADHESIVE DISTRIBUTORS

CK 2000/063562/23 VAT No.: 4370194633

Head Office:
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93 Goodwood Road
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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: 15-04-2020

Product Name: GlueDevil Hand Sanitizer Gel

Product Codes:

GD Hand Sanitizer 100ml/3.3 FL oz. Flip Top Lid	50-HANDS7774
GD Hand Sanitizer 750ml/25.3 FL oz. Flip Top Lid	50-HANDS7781
GD Hand Sanitizer 1LT/0.26 gal Jerry Can	50-HANDS7775
GD Hand Sanitizer 1LT/0.26 gal Trigger	50-HANDS7780
GD Hand Sanitizer 5LT/1.31gal	50-HANDS7776
GD Hand Sanitizer 25LT/6.61gal	50-HANDS7777

Supplier: National Adhesive Distributors

93 Goodwood Road

Mahogany Ridge

Durban

Fax: +27 31 464 0107

Emergency Phone: +27 82 903 2746 (Shane)

DESCRIPTION

Alcohol based hand sanitizer gel



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APPEARANCE

Pink clear gel

PACKAGING

100ml/3.3 FL oz., 750ml/25.3 FL oz., 1lt/0.26 gal jerry can, 1lt/0.26 gal Trigger, 5lt/1.31gal and 25lt/6.61gal plastic bottles.

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.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity:	Solvents	
	CAS NO	MASS%
Ethanol:	64-17-5	70 – 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.



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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.

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 40°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:

Pink clear gel

Odour:

Spirits

Solids Content:

N/A

pH:

6

Boiling Range:

>80°C



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Flash Point:	21°C
Explosive Properties:	Not tested
Flamable limits in air by volume:	
	Upper: 20%
	Lower: 5.0%
Oxidising Properties:	Non
Relative Density:	0.84 - 0.88kg/l
Water Soluble:	Miscible
Solvent Soluble:	Miscible

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.



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

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

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 liquid.

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



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15. REGULATORY INFORMATION

Protect from sunlight and do not expose to temperatures exceeding 40 degrees C.

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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