



Date Issued: 13/03/2019

Rev. date: 13/03/2019

Product: MICROSPRAY

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COMPANY DETAILS

Name: BD Chemicals	Emergency Tel. No. (011)7765076/0834693828/0783892507
Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa	Postal Address: PO Box 4120 Germiston South 1411
Tel. No. (011) 7765076	

1. PRODUCT IDENTIFICATION

Trade Name:	MICROSPRAY
Description:	Alcohol based surface and hand sanitizing spray/rub

2. HAZARDOUS COMPONENTS

	CAS#	ECC Class	%
Iso PropylAlcohol	64-17-5	200-661-7	→ 50



3. HAZARD IDENTIFICATION

Main hazard	Irritant to mucous membranes of the eyes. Can cause stomach distress, nausea or vomiting if swallowed
Explosive hazard	None
Fire	Flammable under extreme conditions
Chemical hazard	None
Health effects - eyes	Severe irritant to mucous membranes of eyes. May cause tearing and irritation
Health effects - skin	None if used as directed
Health effects - ingestion	HARMFUL. Causes stomach distress, nausea and vomiting
Health effects - inhalation	None at ambient temperatures, vapours produced if product is exposed to fire could cause distress.


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4. FIRST AID

Product in eyes:	Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.
Product on skin:	Not applicable
Product ingested:	Rinse mouth at once; then drink 1 or 2 glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
Product inhaled:	If patient should experience reaction when inhaling product remove patient to a well ventilated area

For any serious contact situation – GET MEDICAL ATTENTION

5. FIRE FIGHTING MEASURES

Extinguishing media	Use method appropriate for surrounding fire. The product does not support combustion under normal conditions
Special hazards	Flammable under extreme conditions

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Flush with water, do not allow undiluted product to enter waterways
Small spills	Flush spill area with plenty of water
Large Spills	Dike or dam large spills. Pump to containers or soak up with an inert absorbent. Using Water, flush residue to sewer



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7. HANDLING AND STORAGE

Suitable material	Polyethylene containers/ original containers
Loading/unloading precautions	Wear suitable protective clothing
Handling/storage precautions	Keep container tightly closed and in a cool, well-ventilated place. Do not inhale vapours/ spray

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or vapors of this product. Use in well ventilated area.
Personal protection - eyes	For continued or severe exposure wear goggles
Personal protection - skin	None
Other	Access to emergency eye wash and shower is recommended



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odor	Alcohol
pH	7 - 8 (100%)
Specific Gravity	0.90 – 0.94 (25°C)
Solubility - water	Mixes with water in all proportions
Flammability	Flammable under extreme conditions
Flash point	None
Melting point	Not Applicable
Boiling point	→ 100°C
Auto-flammability	Under extreme conditions
Explosive properties	Not applicable
Vapor pressure	Not applicable


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10. STABILITY AND REACTIVITY

Conditions to avoid	Mix only with water. Avoid strong oxidizing agents
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	Not determined

11. TOXICOLOGICAL INFORMATION

Acute exposure	Irritant to eyes
Chronic exposure	Severe eye irritation may result from contact with eyes
Carcinogenicity	None classified by OSHA and NOSH
Mutagenicity	None classified by OSHA and NOSH
Neurotoxicity	None classified by OSHA and NOSH
Reproductive hazards	None classified by OSHA and NOSH

12. ECOLOGICAL INFORMATION

General	-
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	Product is biodegradable- decomposition is increased by heat and exposure to light.
Bio-accumulation	Biodegradable if used responsibly. This product is not expected to cause adverse effects to the environment.

13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

14. TRANSPORT INFORMATION

UN No.	Not Regulated
Packing Group	II
Class	Not Regulated



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15. REGULATORY INFORMATION

RISK PHRASES

Risk phrases:

R36; Irritant to eyes

R38; Irritates to skin

Safety phrases:

S2; Keep out of reach of children

S3; Keep in a cool place

S7; Keep container tightly closed

S9; Keep container tightly closed in a cool well ventilated place

S26; Upon contact with the eyes, rinse thoroughly with water and consult a doctor

16. OTHER INFORMATION

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

Rev. no.	Rev. date	Reason for revision	Responsible person
0	13/03/2019	First issue in 16-point format	Richard Gaddi



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