



Date Issued: 26/05/2019

Rev. date: 26/05/2019

Product: AUTOSCRUB

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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:	AUTOSCRUB
Description:	Low Foaming Detergent For Use In Automatic Floor Scrubbing Machines

2. HAZARDOUS COMPONENTS

	CAS#	ECC Class	%
Nonylphenol ethoxylate	127087-87-0	****	1 - 3
Sodium metasilicate	6834-92-0	229-912-9	5 - 10
Penta sodium triphosphate	7758-29-4	231-838-7	1 - 2
2-Butoxyethanol	111-76-2	203-905-0	4 - 7



3. HAZARD IDENTIFICATION

Main hazard	May irritate skin, eyes, mucous membranes of mouth, throat and esophagus
Explosive hazard	Not applicable
Fire	Does not support combustion
Chemical hazard	Irritant
Health effects - eyes	May cause irritation
Health effects - skin	May cause irritation
Health effects - ingestion	HARMFUL. Causes stomach distress, nausea and vomiting
Health effects - inhalation	People with lung problems may be more affected


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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:	Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse.
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:	Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration.

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
Special hazards	Does not support combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use proper protective equipment
Environmental precautions	Prevent release of product to sewers & waterways
Small spills	Using water, flush to sewer. Can be neutralized before flushing to sewer.
Large Spills	Dike or dam large spills. Pump to containers or soak up on inter absorbent. Using Water, flush residue to sewer


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7. HANDLING AND STORAGE

Suitable material	Store in original packaging
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Store in cool, dry well ventilated place away from acidic products

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or vapors of this product
Personal protection - eyes	Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles.
Personal protection - skin	Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact
Other	Access to emergency eye wash and shower is recommended



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Liquid
Odor	Ether Type Odor
pH	12 - 13 (100%)
Specific Gravity	1.05 (20°C)
Solubility - water	Mixes with water in all proportions
Flammability	Not Flammable
Flash point	Not applicable
Melting point	Not applicable
Boiling point	→ 100°C
Auto-flammability	Not applicable
Explosive properties	Not applicable
Vapor pressure	Not applicable


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10. STABILITY AND REACTIVITY

Conditions to avoid	Dilute product by slowly adding to water. Do not mix with chlorinated products – will cause hazardous vapours
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	May not be limited to oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute exposure	Corrosive to skin eyes
Chronic exposure	Not applicable
Carcinogenicity	Not applicable
Mutagenicity	Not applicable
Neurotoxicity	Not applicable
Reproductive hazards	Not expected to impair fertility

12. ECOLOGICAL INFORMATION

General	Large quantities released will produce pH level changes.
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	All raw materials making up this product are bio-degradable
Bio-accumulation	Not expected to- bio-accumulate

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.	3082
Packing Group	III
Class	9


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15. REGULATORY INFORMATION

RISK PHRASES

Risk phrases:

R36; Irritant to eyes

R38; Irritant 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	26/03/2019	First issue in 16-point format	Richard Gaddi


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