



Date Issued: 04/11/2016

Rev. date: 04/11/2016

Product: CLEANDRY

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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:	CLEANDRY
Description:	Powerful low foam concentrated rinse aid for automatic dish-washing applications

### 2. HAZARDOUS COMPONENTS

	CAS#	ECC Class	%
Alcohol derivatives	67-63-0	201-069-1	5 - 20
Citric Acid	77-92-9	****	5 - 10



### 3. HAZARD IDENTIFICATION

Main hazard	Irritant or has a corrosive effect on prolonged skin contact, avoid eye contact with concentrate at all cost.
Explosive hazard	Not Applicable
Fire	Does not support combustion
Chemical hazard	Do not mix with acids or ammonia
Health effects - eyes	Irritant to eyes. Immediate water flushing is vital in case of eye contact.
Health effects - skin	Mild irritant to skin
Health effects - ingestion	Nausea, vomiting
Health effects - inhalation	No effect, when sprayed - coughing .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. <b>CALL A PHYSICIAN IMMEDIATELY.</b>
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. <b>DO NOT</b> induce vomiting. <b>NEVER</b> 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	The product contains alcohol which will 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 with an inert absorbent. Using Water, flush residue to sewer


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### 7. HANDLING AND STORAGE

Suitable material	Polyethylene containers, store in original containers
Loading/unloading precautions	Wear protective equipment. Normal handling procedure for detergent to minimize personal exposure
Handling/storage precautions	Wear protective equipment. Store in cool, dry well ventilated place

### 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	Clear Green Liquid
Odor	No Odour
pH	3 - 6 (1%)
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 applicabe
Vapor pressure	Not applicable


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### 10. STABILITY AND REACTIVITY

Conditions to avoid	Extreme heat
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	Not Determined

### 11. TOXICOLOGICAL INFORMATION

Acute exposure	Acute Oral/Dermal
Chronic exposure	Nil
Carcinogenicity	Nil
Mutagenicity	Nil
Neurotoxicity	Nil
Reproductive hazards	Not expected to impair fertility

### 12. ECOLOGICAL INFORMATION

General	Large quantities released could produce pH level changes.
Aquatic	Contamination of Aquatic systems should be avoided.
Biodegradability	Readily Biodegradable
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	Class 9: Irritant liquid


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## 15. REGULATORY INFORMATION

### RISK PHRASES

**Risk phrases:**

R36; Irritating to eyes  
R38; Irritating to skin

**Safety phrases:**

S2; Keep out of reach of children  
S3; Keep in a cool place  
S7; Keep containers tightly sealed  
S9; Keep containers in a well-ventilated place  
S26; In case of contact with eyes rinse immediately with water and seek medical attention

## 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	04/11/2016	First issue in 16-point format	Richard Gaddi



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