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Product: GOLDDDET

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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:	GOLDDDET ORANGE
Description:	Dishwashing Detergent/ Neutral Detergent

## 2. HAZARDOUS COMPONENTS

Hazardous components	CAS#	ECC CLASS	%
Sodium linear alkyl benzenesulfonate	25155-30-0	270-115-0	Ø10%
Sodium Lauryl Ether Sulphate	9004-82-4	****	Ø8%
CocamideDiethynolomine	68603-42-9	271-657-0	Ø5%



## 3. HAZARD IDENTIFICATION

Main hazard	May irritate skin, eyes, mucous membranes of mouth, throat and oesophagus
Explosive hazard	Nil
Fire	Does not support combustion
Chemical hazard	Could irritate eyes
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. <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	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 with an inert absorbent. Using Water, flush residue to sewer


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### 7. HANDLING AND STORAGE

Suitable material	Polyethylene containers
Loading/unloading precautions	Wear protective equipment
Handling/storage precautions	Wear protective equipment. Store in cool, dry well ventilated place away from acidic products. Keep lid closed

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protection- respiratory	Avoid breathing mists or vapors of this product
Personal protection - eyes	Wear chemical splash goggles when working extensively with the undiluted product
Personal protection - skin	Prolonged exposure to skin is not recommended.
Other	For diluted product no special protection measures are required under normal conditions



### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous orange liquid
Odor	Citrus
pH	5 - 7 (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	1.03
Explosive properties	Not Applicable
Vapor pressure	No information available


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### 10. STABILITY AND REACTIVITY

Conditions to avoid	Avoid extreme temperatures
Stability	Stable under normal conditions of use and handling
Hazardous decomposition products	None reasonably foreseeable.

### 11. TOXICOLOGICAL INFORMATION

Acute exposure	Corrosive to skin, eyes in undiluted form.
Chronic exposure	Nil
Carcinogenicity	Nil
Mutagenicity	Nil
Neurotoxicity	Nil
Reproductive hazards	Nil

### 12. ECOLOGICAL INFORMATION

General	Avoid releasing in large quantities.
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.	Not regulated
Packing Group	II
Class	Not regulated



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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 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	27/05/2019	First issue in 16-point format	Richard Gaddi



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