

# ECODET DISH LIQUID



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Rev. date: 27/10/2016

Product: ECODET DISH LIQUID

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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:  | ECODET DISH LIQUID                       |
| Description: | Dishwashing Detergent/ Neutral Detergent |

## 2. HAZARDOUS COMPONENTS

|                                      | CAS#       | ECC Class | %    |  |
|--------------------------------------|------------|-----------|------|--|
| Sodium linear alkyl benzenesulfonate | 25155-30-0 | 270-115-0 | <10% |  |
| Sodium Lauryl Ether Sulphate         | 9004-82-4  | ****      | <8%  |  |
| Cocamide Diethanolamine              | 68603-42-9 | 271-657-0 | <5%  |  |

## 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 green liquid                |
| Odor                 | Lemon Odour                         |
| 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

This product as sold, if discarded or disposed is not hazardous waste. Dispose according to municipal bye-laws and regulations

## 14. TRANSPORT INFORMATION

|               |    |
|---------------|----|
| UN No.        | NR |
| Packing Group | II |
| Class         | NR |


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## 15. REGULATORY INFORMATION

### RISK PHRASES

**Risk phrases:**

R36/38 Irritates eyes

**Safety phrases:**

S2 Keep out of reach of children

S3/7/9 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        | 12/07/2016 | First issue in 16-point format | Richard Gaddi      |
|          |            |                                |                    |
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