

SAFETY DATA SHEET

BIODET : DISHWASHING DETERGENT

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name BIODET
Product Code 103
Product Use Manual dishwashing and general purpose detergent
Company Name Byre Chemicals
Address 3/43 Byre Avenue
 Somerton Park SA 5044
Telephone 08 8350 9228
Fax 08 8350 9334
Emergency phone no. 0412 426 697
Email info@byrechemicals.com.au

2. HAZARDS IDENTIFICATION

GHS Classification Non dangerous goods
Signal Word None required
Hazard Statement None hazardous

Precautionary Statement

Avoid prolonged contact with skin and eyes
 If swallowed DO NOT induce vomiting. Give water or milk.
 Splashes on skin to be washed off.
 If splashed into eyes, remove contact lenses if present and wash with clean running water for 15 minutes.
 Keep containers tightly closed and store in a lock-up facility

3. COMPOSITION /INFORMATION ON INGREDIENTS

INGREDIENTS	CAS.NO.	PROPORTION
Surfactant mixture	blend	10 - 30 %
Non hazardous ingredients		5 - 10 %
Water		Balance

4. FIRST-AID MEASURES

INHALATION Remove casualty from contaminated area
INGESTION If swallowed Do Not induce vomiting. Give water or a glass of milk. If irritation persists, seek medical attention.
SKIN Remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical advice.
EYE If in eyes, hold eyelids apart and flood the eye continuously with water for at least 10 minutes.
FIRST AID Eye wash, hand wash basin

ADVICE TO DOCTOR Treat symptomatically. For advice contact Poisons Information Centre

BYRE CHEMICALS

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5. FIREFIGHTING MEASURES

<i>Extinguishing Media</i>	<i>Carbon dioxide, or foam</i>
<i>Hazards from Combustion</i>	<i>Material won't burn but may emit carbon dioxide including carbon monoxide gas.</i>
<i>Precaution for Firefighter</i>	<i>Spills are slippery. Prevent run off from entering drains and waterways.</i>
<i>Hazchem</i>	<i>Not applicable</i>

6. ACCIDENTAL RELEASE MEASURES

<i>Emergency Procedures</i>	<i>Keep unauthorised people away from spill.</i>
<i>Clean Up</i>	<i>For small spills hose down area. For large spills absorb onto an inert material such as dirt or sand and dispose of according to Waste laws.</i>

7. HANDLING AND STORAGE

<i>Precautions for Safe Handling</i>	<i>Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists and vapours in the work atmosphere. Do not use near ignition sources.. Maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities</i>
<i>Conditions for Safe Storage</i>	<i>Non hazardous. Store in a cool dry, well ventilated area out of direct sunlight. Keep containers tightly sealed</i>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Exposure Limits</i>	<i>None listed</i>
<i>Engineering Controls</i>	<i>This product is non hazardous</i>
<i>Eye Protection</i>	<i>Safety glasses with side shields should be used.</i>
<i>Hand Protection</i>	<i>Wear gloves of impervious material such as neoprene, or nitrile rubber.</i>
<i>Hygiene Measures</i>	<i>Avoid contact with skin, eyes and clothing Wash hands after handling product. Keep away from foodstuffs.</i>

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance</i>	<i>Clear viscous yellow liquid</i>
<i>Odour</i>	<i>Lemon fragrance</i>
<i>pH</i>	<i>Neutral 7.5 – 8.0</i>
<i>Boiling Point</i>	<i>100C</i>
<i>Vapour Pressure</i>	<i>23hPa at 20C</i>
<i>Flash Point</i>	<i>None</i>
<i>Specific Gravity</i>	<i>1.01</i>
<i>Solubility in Water</i>	<i>Miscible in all proportions.</i>

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10. STABILITY AND REACTIVITY

<i>Chemical Stability</i>	<i>Stable under normal conditions of storage and handling</i>
<i>Conditions to avoid</i>	<i>Excess heat exposure to air</i>
<i>Incompatible materials</i>	<i>Quaternary type disinfectants will be deactivated by BIODET.</i>
<i>Hazardous decomposition</i>	<i>Thermal decomposition may result in release of irritating fumes including carbon dioxide .</i>
<i>Hazardous polymerization</i>	<i>Will not occur</i>

11. TOXICOLOGICAL INFORMATION

<i>Ingestion</i>	<i>May cause nausea, vomiting, abdominal pain and diarrhoea.</i>
<i>Eyes</i>	<i>Irritating to eyes causing redness and dryness. Rinse eyes promptly.</i>
<i>Skin</i>	<i>May cause irritation if splashes on skin are not washed off immediately</i>
<i>Carcinogenic</i>	<i>No evidence of carcinogenic properties</i>
<i>Chronic Effects</i>	<i>Repeated or prolonged skin contact may cause dermatitis.</i>
<i>Toxicological Data</i>	<i>Non available</i>

12. ECOLOGICAL INFORMATION

<i>Ecotoxicity</i>	<i>No data available</i>
<i>Persistence/Degradability</i>	<i>Surfactants are biodegradable .</i>
<i>Bioaccumulative Potential</i>	<i>No data available</i>
<i>Environmental</i>	<i>Do not discharge into drains, sewers, waterways</i>

13. DISPOSAL CONSIDERATIONS

<i>Spills & Disposal</i>	<i>Disposal of small spillages only. For large spillages liquids should be contained using sand or earth and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.</i>
<i>Disposal</i>	<i>Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State</i>

14. TRANSPORT INFORMATION

<i>Proper Shipping Name</i>	<i>None allocated</i>
<i>UN.NO.</i>	<i>None allocated</i>
<i>Packaging Group</i>	<i>None allocated</i>
<i>Hazchem Code</i>	<i>None allocated</i>
<i>DG Class</i>	<i>None allocated</i>

15. REGULATORY INFORMATION

<i>Hazard Category</i>	<i>Non hazardous</i>
<i>Safety Statement</i>	<i>Not classified as a scheduled poison</i>

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16. OTHER INFORMATION

**Preparer Signature
Contact**

**Technical Director
Telephone: 08 8350 9228
24 hour emergency number 0412 426 697**

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