

MATERIAL SAFETY DATA SHEET

This product is classified as a Non Hazardous Substance according to criteria of NOHSC Australia

1. IDENTIFICATION OF THE MATERIAL

Product Name: BIO Add 2000
Other Names: Detergent solution,
Product Code: BPC20
Supplier: GSB Chemical Co. Pty. Ltd
ACN 004 355113
15 Production Street
Wacol Qld 4076

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Facsimile: +61
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Major Uses and Methods of Application: Biodegradable, Non-flammable medium duty alkaline detergent

2. COMPOSITION

	CAS No.	PROPORTION
Water	7732 - 18 - 5	30 - 60 % w/w
Butyl Oxitol	111-76-2	< 10 % w/w
Coconut Amid Ethoxylates		< 10% w/w
Sodium Hydroxide	1310-73-2	< 10% w/w
Silicates		< 10% w/w
Oleic Acid		< 10% w/w
Dye		< 10 % w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: None
Poisons Schedule: S5

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: Do NOT induce vomiting. Give glass of water and seek medical attention

Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.

Skin: Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard

Inhalation: Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention

Advice to Doctor: Treat symptomatically; gastric lavage should only be undertaken after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Non flammable. If involved in a fire the products of combustion include carbon dioxide and water. Use dry chemical, foam, CO or water spray (fog).

6. ACCIDENTAL RELEASE MEASURES

Spilled liquid may make floors and surfaces slippery. Contain spill and recover spilled liquid for disposal. Remainder can be washed away with copious quantities of water. Consult local authority regarding disposal of detergents. Dispose absorbed and unrecoverable material to an approved site.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in vapour

8. EXPOSURE AND PERSONAL PROTECTION

Personal Protection: None established, however wearing of personal protection is recommended

Eye protection:	Safety glasses, goggles or faceshield as required
Hand Protection:	PVC, neoprene or nitrile rubber gloves
Footwear:	Rubber boots
Respiratory Protection:	

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate,

Engineering Controls: General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid. Mild characteristic odour
Boiling Point:	100°C
Vapour Pressure:	33 mm Hg @ 20°C
Specific Gravity:	1.4 @20°C
Flash Point:	Non flammable
Explosive Limits:	Not available
Solubility in water:	soluble
% Volatiles by volume:	>80%
pH 1% solution:	11.25

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage. Ensure containers are kept closed when not in use. Store away from heat. Do not stow with foodstuffs. Incompatible with and should be stored away from acids, oxidising agents, aluminium, tin, zinc, die-cast metals.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this MSDS and product label. Symptoms or effects that may arise if the product is misused and overexposure occurs are:

Swallowed: Irritant to mouth, throat and digestive tract. Large dose may cause gastric cramps and vomiting.

Eye: Irritating to eyes. Will cause soreness and redness

Skin: Remove contaminated clothing, wash skin thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhalation: If aspirated into lungs remove to fresh air and seek medical advice. If patient stops breathing apply artificial respiration

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways

13. DISPOSAL

For spills or drips, wipe up and dispose in approved waste container. Dispose of absorbed and unrecoverable material to an approved site. Consult local authority

14. TRANSPORT INFORMATION

Non Hazardous

15. REGULATORY INFORMATION

Hazard Category: Non Hazardous
Poisons Schedule: S5

16. OTHER INFORMATION

Contact: Technical Manager
Telephone 07 3271 2666

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END OF MSDS