

Material Safety Data Sheet

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Foamtrol AF2290

Infosafe™ GBZA8
No.

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GEBETZ

BS:
1.14.3

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Foamtrol AF2290

Product Code 5-Waste water

Company Name GE Betz Pty Limited (ABN 84 001 221 941)

Address 103 Raubers Road Northgate
QLD 4013

Emergency Tel. 1800 638 556 (Aus) 0800 154 666 (NZ)

Telephone/Fax Number Tel: 1800 064 140
Fax: 1800 648 530

Product Safety Guide This product should only be used in accordance to the procedures GE Betz has established for a specific application. For a technical advice contact GE Betz.

Recommended Use An anti-foaming agent.

Other Names None Listed

Additional Information NZ National Poisons Centre: 0800764766

Other Information Off line MSDS are uncontrolled documents, GE Betz most up to date MSDS can be accessed via internet on www.msdsonline.com.au/gebetz/
The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information

in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Risk Phrase(s) None Allocated

Safety Phrase(s) S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Irritancy of Product May cause slight irritation to the skin. May cause slight irritation to the eyes. Vapours, gases, mists/aerosols may cause irritation to upper respiratory tract.

Signs and Symptoms of Exposure May cause redness or itching of skin.

Medical Conditions Generally Aggravated by Exposure Not known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Information on Composition An aqueous solution containing a silicone emulsion.

Ingredients	Name	CAS	Proportion
	Water and other non hazardous substances	Mixture	100%

Other Information This product is classified as NON HAZARDOUS according to the criteria of NOHSC.

4. FIRST AID MEASURES

Inhalation	If nasal, throat or lung irritation develops, remove to fresh air and seek medical attention.
Ingestion	Do not feed anything by mouth to an unconscious or convulsive victim. Do not induce vomiting. Immediately seek medical attention. Dilute contents of stomach using 3-4 glasses milk or water.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops or persists. Thoroughly wash contaminated clothing before re-use.
Eye	Remove contact lenses. Hold eyelids apart. Immediately flush eyes with plenty of low-pressure water for at least 15 minutes. Seek medical attention if irritation persists after flushing.
First Aid Facilities	Eye wash station, safety shower and normal washroom facilities.
Advice to Doctor	No special instructions. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Dry Chemical, carbon dioxide, foam or water.
Hazards from Combustion Products	Thermal decomposition (destructive fires) yields oxides of silicon.
Specific Methods	Fire fighters should wear positive pressure self-contained breathing apparatus (full face type).

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Increase ventilation. Avoid breathing dust or vapours and contact with skin and eyes. Wear appropriate protective clothing. CLEAN-UP METHODS - SMALL SPILLAGE: Absorb or contain liquid with sand, earth or spill control material. Shovel and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum. Scrub contaminated surfaces with detergent solution. Retain washings as contaminated waste. CLEAN-UP METHODS - LARGE SPILLAGE: Transfer to a labelled, sealable container for product recovery or safe disposal.
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Treat residues as for small spillage.
Wet area may be slippery. Spread sand or grit.

7. HANDLING AND STORAGE

Precautions for Safe Handling Only use in well-ventilated areas. When using do not eat or drink. Prevent spills and avoid operations which contaminate clothing and work areas. Ensure the appropriate personal protective equipment is used when handling this material. Maintain general industrial hygiene practices when using this product.

Conditions for Safe Storage Keep containers closed when not in use. Mix completely prior to use. Reasonable and safe chemical storage. Protect from freezing.

Other Information e.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Other Exposure Information This product is classified as NON HAZARDOUS according to the criteria of NOHSC.

Engineering Controls Use with adequate ventilation.

Respiratory Protection Avoid breathing of vapours, mists or spray. Select and use respirators in accordance with AS/NZS 1715/1716. When mists or vapours exceed the exposure standards then the use of the following is recommended: Half face-piece respirator with organic vapour (Type A) and dust/mist (Type P1) filters. Filter capacity and respirator type depends on exposure levels.

Eye Protection Splash proof chemical goggles.
Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Butyl or viton gloves. Wash off after each use. Replace as necessary.
Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Personal Protective Equipment Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.
Footwear should conform with Australia/New Zealand Standard 2210.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Liquid
Appearance White
Odour Slight
Freezing Point -30C
Boiling Point >100oC
Solubility in Water 0% (Dispersable in water)
Specific Gravity 1.001 @21oC
pH Value 7.5 (approx)
Vapour Pressure ~18 mmHg
Vapour Density (Air=1) < 1.00
Evaporation Rate < 1.00 (Ether = 1)
Physical State Emulsion
Viscosity 1588 cps @21oC
Pour Point 0oC
Flash Point > 93C P-M(CC)

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal storage conditions.
Conditions to Avoid Protect from freezing.
Incompatible Materials May react with strong oxidizers.
Hazardous Decomposition Products Thermal decomposition (destructive fires) yields oxides of silicon.
Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Oral LD50 RAT: >64,000 mg/kg Dermal LD50 RABBIT: >20,000 mg/kg Inhalation LC50 RAT: >SATURATION NOTE - Saturated vapor for 8 hours killed no rats Skin Irritation Score RABBIT: 0 Eye Irritation Score RABBIT: 0
Inhalation	Vapors, gases, mists and/or aerosols may cause irritation to upper respiratory tract.
Ingestion	No evidence of adverse effects from available information.
Skin	Primary route of exposure; May cause slight irritation to the skin.
Eye	May cause slight irritation to the eyes.
Chronic Effects	No evidence of potential chronic effects.

12. ECOLOGICAL INFORMATION

Other Information	Rainbow Trout 48 Hour Static Screen 100% Mortality: 5000 mg/L 0% Mortality: 1000 mg/L Daphnia magna 48 Hour Static Screen 10% Mortality: 5000 mg/L 0% Mortality: 1000 mg/L Fathead Minnow 96 Hour Static Screen with 48-Hour Renewal No mortality was observed in highest concentration tested. 0% Mortality: 5000 mg/L Closed Bottle Test (% Degradation in 28 days): 0 (OECD 301D) Zahn-Wellens Test (% Degradation in 28 days): 0 (OECD 302B)
	BIODEGRADATION COD (mg/gm): 219 TOC (mg/gm): 41 BOD-5 (mg/gm): 0 BOD-28 (mg/gm): 0 Other adverse effects: Heavy metals - Si: 0.924mg/g

13. DISPOSAL CONSIDERATIONS

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

Regulatory Information NON-HAZARDOUS SUBSTANCE.
NOT SCHEDULED POISON.

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Hazard Category Irritant

Other Information Not Hazardous under HSNO

16. OTHER INFORMATION

Disclaimer:

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