

FIL Antigermin SA33

SAFETY DATA SHEET

Issue Date: 04-Dec-17

1. Product and Company Identification

Product Name: Antigermin SA33
Proper Shipping Name: Non-hazardous
Synonyms:
Molecular Formula:
Manufacturer: FIL is a wholly owned subsidiary of GEA Farm Technologies New Zealand Ltd
Address: 72 Portside Drive, Mount Maunganui
Telephone Number: 07 575 2162
Fax Number: 07 575 2161
Emergency phone No: 24hr 0508 434 569
Website: www.fil.co.nz
Email: info@fil.co.nz

2. Hazards Identification

Dangerous Goods:

Hazardous Substance (HSNO):



CHRONIC TOXIC



ECOTOXIC

DANGER

HSNO Classification and

Hazard Statements:

6.1E Acutely toxic substance (low hazard)
 H303 May be harmful if swallowed.
6.3A Irritating to the skin
 H315 Causes skin irritation.
6.4A Irritating to the eye
 H319 Causes serious eye irritation.
6.5A Respiratory sensitiser
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
6.5B Contact sensitizer
 H317 May cause an allergic skin reaction.
6.9B Target organ toxicity
 H371 May cause damage to organs.
 H373 May cause damage to organs through prolonged or repeated exposure.
9.1B Ecotoxic in the aquatic environment (high hazard)
 H411 Toxic to aquatic life with long lasting effects.

Prevention statements:

P102 Keep out of reach of children.
 P103 Read label before use.
 P104 Read safety data sheet before use.
 P260 Do not breathe vapours/spray.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves, protective clothing and eye/face protection.
 P285 In case of inadequate ventilation wear respiratory protection.

Response statements:

P101 If medical advice is needed, have product container or label at hand.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water.
 P304+P312 IF INHALED: Call a POISON CENTRE or doctor/physician if you feel unwell.
 P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P321 IF ON SKIN: Wash with plenty of soap and water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 Take off contaminated clothing and wash before re-use.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 If eye irritation persists: Get medical advice/attention.
 P309+P311 IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
 P310 Immediately call a POISON CENTRE or doctor/physician.
 P314 Get medical advice/attention if you feel unwell.
 P331 Do NOT induce vomiting.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.
 P363 Wash contaminated clothing before reuse.
 P391 Collect spillage.

Storage statements:

P405 Store locked up.

3. Composition/Information on Ingredients

Recommended Use:	Sanitiser/Disinfectant for general farm and household use	
Appearance:	Gold liquid	
CAS No:	18472-51-0	Chlorhexidine (<5%)
	8001-54-5	Benzalkonium Chloride (<2.5%)
		Water, surfactants, oils to 100%

4. First Aid Measures

Ingestion:	Call a doctor. Rinse mouth then give a glass or two of water. DO NOT cause vomiting unless medical attention is delayed by 30 minutes. (Take care to avoid patient inhaling stomach contents). Seek medical attention.
Eye Contact:	Wash eye with gently running water for at least 20 minutes. Do not rub the eye. Lightly cover the eye with a sterile dressing. Seek medical attention.
Skin Contact:	Remove clothing, if contaminated with solid or soaked in the liquid. Wash skin with large quantities soap and of water. Seek medical attention if irritation persists.
Inhalation:	Remove the casualty from further contamination.
Notes to Physician:	Treat symptomatically.

5. Fire-fighting Measures

Specific Hazards:	Does not support combustion but may give off choking fumes if involved in a fire. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Suitable Extinguishing Media:	Water fog (or if unavailable fine water spray), foam, dry chemical powder).

6. Accidental Release Measures

Spill Cleanup Methods:	Contain and recover with inert absorbent material. Avoid contamination of waterways. Small quantities may be washed to drain with large quantities of water.
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7. Handling and Storage

Handling:	Use suitable gloves, respiratory and eye protection when spraying and when handling concentrates. This product should only be mixed with water - do not mix with other chemicals.
Storage:	Store in original container, tightly closed, upright in a clean dry place, away from foodstuffs and out of reach of children.

8. Exposure Control/Personal Protection

Exposure Standards:	Not available
Engineering Controls:	Use with adequate ventilation
Personal Protection:	Use suitable protective clothing, gloves, respiratory and eye protection when spraying and when handling concentrates.

9. Physical and Chemical Properties

Appearance and Odour:	Gold liquid
Solubility in Water (g/l):	Completely miscible
Specific Gravity:	1
Boiling Point/Melting Point (C):	101
Vapour Pressure: (Pascals or mm of Hg @ 250C):	Not available
Flashpoint (C):	Not available
Flammability Limits (%):	Not available
pH Value:	Not available

10. Stability and Reactivity

Stability: Stable. Incompatible with strong oxidising agents.

11. Toxicological Information

General: Irritant and mildly toxic. May be harmful if swallowed, inhaled, gets in eyes or in prolonged skin contact.

Ingestion: Irritant, toxic in larger quantities.
Benzylkonium Chloride LD50 Oral (rat) 240 mg/kg

Eye Contact: Irritant - reddened, swollen or watering excessively.

Skin Contact: Irritant - may cause an allergic reaction in sensitive individuals.

Inhalation: Irritant - may cause an allergic reaction in sensitive individuals.
Avoid creating aerosols or mists.

12. Ecotoxicity Information

9.1A Ecotoxic in the aquatic environment: Chlorhexidine gluconate: LC50 (Rainbow trout) 1.3 ug/L/96 hr
Avoid contamination of natural water ways.

9.3C Ecotoxic to terrestrial vertebrates: Benzylkonium Chloride LD50 Oral (rat) 240 mg/kg
Keep secure from animals.

13. Disposal Considerations

Container Disposal: Dispose of empty containers safely.
Avoid contamination of any water supply with product or empty container.
Triple rinse containers when empty. Add rinsings to use solutions.
After cleaning, all existing labels should be removed.

Product Disposal: Dispose of product safely. Avoid contamination of any water supply with product or empty container.

14. Transport Information

UN No: Not Applicable
Dangerous Goods Class: Not Applicable
Hazchem Code: Not Applicable
Packing Group: Not Applicable
Proper Shipping Name: Non-hazardous
Segregation: Do not store with food or food containers.

15. NZ Regulatory Information

ERMA Approval Code: HSR006977

Group Standard: BENZALKONIUMCHLORIDE, 1 - 5% IN A NON HAZARDOUS DILUENT

HSNO Classifications:

6.1E	Acutely toxic substance (low hazard)
6.3A	Irritating to the skin
6.4A	Causes skin irritation.
6.5A	Respiratory sensitiser
6.5B	Contact sensitiser
6.9B	Target organ toxicity
9.1A	Ecotoxic in the aquatic environment (high hazard)

HSNO Controls:

Trigger quantities for this substance by itself in a Place:

Certified Handler	<i>Not required</i>
Compliance Location Certificate:	<i>Not required</i>
Hazardous Atmosphere Zone:	<i>Not required</i>
Emergency Plan:	<i>100L</i>
Tracking:	<i>Not required</i>
Warning Sign:	<i>100L</i>
Record of application or discharge:	<i>Not required</i>

16. Other Information

Issue Date: 04-Dec-17
Review Date: 04-Dec-22

Definitions:	DG	Dangerous Good	
	LC50	Lethal concentration 50 % kill	
	LD50	Lethal dose 50 % kill	
	LDLO	lowest published lethal dose	
	PEL	Permissible exposure limit	
	TLM24	24 hour median threshold limit	
	TWA	Time weighted average	<i>The 8-hour time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure</i>

21/08/2009 8.3A toxic remove Benzalkonium chloride present at <5% cf Erma 8001-5

