

## FIL Teatshield

### SAFETY DATA SHEET

Issue Date: 30-Nov-17

#### 1. Product and Company Identification

**Product Name:** FIL Teatshield  
**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s.  
**Synonyms:**  
**Recommended Use:** Teat sanitiser  
**Molecular Formula:** Mixture  
**Manufacturer:** FIL is a wholly owned subsidiary of GEA Farm Technologies New Zealand Ltd  
**Address:** 72 Portside Drive, Mt Maunganui  
**Telephone Number:** 07 575 2162  
**Fax Number:** 07 575 2161  
**Emergency phone No: 24hr** 0508 434 569  
**Website:** [www.fil.co.nz](http://www.fil.co.nz)  
**Email:** [office.fil@gea.com](mailto:office.fil@gea.com)

#### 2. Hazards Identification

**Dangerous Goods:** 9 Miscellaneous Dangerous Goods

**Hazardous Substance (HSNO):**



**HSNO Classification and Hazard Statements:**



**WARNING**

9.1A Ecotoxic in the Aquatic Environment

H411 Very 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.
- P264 Wash hands thoroughly after handling.
- P273 Avoid release to the environment.

**Response statements:**

- P102 If medical advice is needed, have product container or label at hand.
- P391 Collect spillage.

### 3. Composition/Information on Ingredients

<b>Appearance:</b>	Viscous blue liquid	
<b>CAS No:</b>	18472-51-0	Chlorhexidine gluconate ( 4.4%)
	50-70-4	Sorbitol (25 - 50%)
	7732-18-5	Water (>25%)

### 4. First Aid Measures

<b>Ingestion:</b>	Rinse mouth then give a glass or two of water or milk. Seek medical attention.
<b>Eye Contact:</b>	Wash eye with gently running water for at least 20 minutes. Do not rub the eye. Cover with sterile dressing. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	Quickly remove contaminated clothing. Wash skin with large quantities of water. Seek medical attention if irritation persists.
<b>Inhalation:</b>	Remove the casualty from further contamination. If symptoms are severe or persist seek medical attention.
<b>Notes to Physician:</b>	Treat symptomatically.

### 5. Fire-fighting Measures

<b>Specific Hazards:</b>	Not combustible. Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
<b>Suitable Extinguishing Media:</b>	Water fog (or if unavailable fine water spray), foam, dry chemical powder).

### 6. Accidental Release Measures

<b>Spill Cleanup Methods:</b>	Contain and recover. Avoid contamination of waterways. Small quantities may be washed to effluent treatment ponds with large quantities of water.
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### 7. Handling and Storage

<b>Handling:</b>	Not combustible. Use suitable gloves, respiratory and eye protection for prolonged contact. After use wash hands before eating, drinking or smoking. Avoid bodily contact with the material. Do not handle broken packages unless wearing appropriate personal protective equipment.
<b>Storage:</b>	Do not store with D.G classes 1, 5, 7, acids, food or food containers. Store in original container, tightly closed, away from foodstuffs and children.

## 8. Exposure Control/Personal Protection

<b>Exposure Standards:</b>	<i>Not applicable.</i>
<b>Engineering Controls:</b>	Use in well ventilated area
<b>Personal Protection:</b>	Use suitable gloves, respiratory and eye protection for prolonged contact.

## 9. Physical and Chemical Properties

<b>Appearance and Odour:</b>	Viscous blue liquid.
<b>Solubility in Water (g/l):</b>	Fully miscible.
<b>Specific Gravity:</b>	1.16
<b>Boiling Point/Melting Point (C):</b>	BP 104
<b>Vapour Pressure: (Pascals or mm of Hg @ 250C):</b>	Not available
<b>Flashpoint (C):</b>	Nil
<b>Flammability Limits (%):</b>	Not applicable
<b>pH Value:</b>	5.5

## 10. Stability and Reactivity

<b>Stability:</b>	Stable
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## 11. Toxicological Information

<b>General:</b>	May be harmful if swallowed. Can cause eye irritation.
<b>Ingestion:</b>	Irritant, emetic, purgative. Harmful in larger quantities.
<b>Eye Contact:</b>	May cause eye irritation - reddened, swollen or watering excessively.
<b>Skin Contact:</b>	Unlikely to cause harm.
<b>Inhalation:</b>	Unlikely - irritant - 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
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## 13. Disposal Considerations

<b>Container Disposal:</b>	Dispose of empty containers safely in accordance with local regulations. Triple rinse containers when empty. Add rinsings to use solutions. Avoid contamination of natural water supplies with chemical or empty container. After cleaning, all existing labels should be removed.
<b>Product Disposal:</b>	Dispose of product safely in accordance with local regulations. Avoid contamination of any water supply with product or empty container.

#### 14. Transport Information

<b>UN No:</b>	3082
<b>Dangerous Goods Class:</b>	9
<b>Hazchem Code:</b>	2Z
<b>Packing Group:</b>	III
<b>Proper Shipping Name:</b>	Environmentally Hazardous Substance, Liquid, n.o.s.
<b>Segregation:</b>	Do not store with D.G classes 1, 5, 7, acids, food or food containers.
<b>Limited quantity:</b>	Not applicable

#### 15. NZ Regulatory Information

<b>ERMA Approval Code:</b>	HSR002307
<b>Substance Name:</b>	Liquid containing 3 - 6.5 % Chlorhexidine gluconate
<b>HSNO Classifications:</b>	9.1A      Ecotoxic in the Aquatic Environment

**HSNO Controls:**      Trigger quantities for this substance by itself in a Place:

<b>Certified Handler</b>	<i>Not required</i>
<b>Compliance Location Certificate:</b>	<i>Not required</i>
<b>Hazardous Atmosphere Zone:</b>	<i>Not required</i>
<b>Emergency Plan:</b>	<i>100 litres</i>
<b>Tracking:</b>	<i>Not required</i>
<b>Warning Sign:</b>	<i>100 litres</i>
<b>Disposal:</b>	<i>Not required</i>

#### 16. Other Information

<b>Issue Date:</b>	30-Nov-17
<b>Review Date:</b>	30-Nov-22

<b>Definitions:</b>	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>