

FIL New Zealand Limited

FIL Iodoshield Active

SAFETY DATA SHEET

Issue Date: 19-Jan-07

1. Product and Company Identification

Product Name: FIL Iodoshield Active
Proper Shipping Name: Non-Hazardous
Synonyms: Iodophor teat sanitiser
Recommended Use: Teat sanitiser
Molecular Formula: Mixture
Manufacturer: Farmers Industries (New Zealand) Limited
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
Email: info@fil.co.nz

2. Hazards Identification

Dangerous Goods: *Not applicable*

Hazardous Substance (HSNO):



WARNING

HSNO Classification and

Hazard Statements:

6.3A Toxic Substance - Skin Irritant

H315 Causes skin irritation.

6.4A Toxic Substance - Eye Irritant

H319 Causes serious eye irritation.

6.5B Toxic Substance - Sensitiser (Contact)

H317 May cause an allergic skin reaction.

6.9B Toxic Substance - Suspected Toxic to target organs or systems

H371 May cause damage to organs.

H373 May cause damage to organs through prolonged or repeated exposure.

9.1A Ecotoxic in the Aquatic Environment

H410 Very toxic to aquatic life with long lasting effects.

Prevention statements:

P103 Read label before use.

P104 Read safety data sheet before use.

P260 Do not breathe vapours.

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 and eye/face protection.

Response statements:

P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P314 Get medical advice/attention if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before re-use.
P391 Collect spillage.

Storage Statements:

P405 Store locked up.

Toxic Substance Schedule

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3. Composition/Information on Ingredients

Appearance: Dark red/brown liquid
CAS No: 7553-56-2 Iodine (<5%)
50-70-4 Sorbitol (>50%)
7732-18-5 Water (>25%)

4. First Aid Measures**Ingestion:**

Call a Doctor. Rinse mouth then give a glass or two of water or milk.
DO NOT cause vomiting unless medical assistance is delayed by 30 minutes.
(Take care to avoid patient inhaling the stomach contents). If breathing stops start mouth-to-nose resuscitation. Seek medical attention immediately.

Eye Contact:

Wash eye with gently running water for at least 20 minutes. Do not rub the eye.
Cover with sterile dressing. Seek medical attention.

Skin Contact:

Quickly remove contaminated clothing. Wash skin with large quantities of soap and water. Seek medical attention if irritation persists.

Inhalation:

Remove the casualty from further contamination. If symptoms are severe or persist seek medical attention.

Notes to Physician:

Treat symptomatically.

5. Fire-fighting Measures**Specific Hazards:**

Nil - not combustible. May decompose on heating emitting toxic fumes.
Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
Electrical conductor - isolate power in case of spills.

Suitable Extinguishing Media:

Water fog (or if unavailable fine water spray), foam, dry chemical powder.

6. Accidental Release Measures**Spill Cleanup Methods:**

Follow procedures in FIL Emergency response plan: Chemical Spill.
Contain and recover. Avoid contamination of waterways. Small quantities may be washed to effluent treatment ponds with large quantities of water.

7. Handling and Storage**Handling:**

Not combustible. Electrical conductor - isolate power in case of spills.

Use suitable gloves, respiratory and eye protection when spraying.
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.

Storage: 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

Exposure Standards: *Not applicable.*

Engineering Controls: Use with adequate ventilation - avoid creation and inhalation of aerosols.

Personal Protection: Use suitable gloves, respiratory and eye protection when spraying.

9. Physical and Chemical Properties

Appearance and Odour: Dark red/brown liquid.
Solubility in Water (g/l): Fully miscible.
Specific Gravity: 1.19
Boiling Point/Melting Point (C): 104
Vapour Pressure: (Pascals or mm of Hg @ 250C): Not Available
Flashpoint (C): Not Applicable
Flammability Limits (%): Not Applicable
pH Value: 2.3

10. Stability and Reactivity

Stability: Stable
Electrical conductor - isolate power in case of spills.
Substances to be avoided include strong reducing agents, powdered metals, ammonia, ammonium salts, acetylene, acetaldehyde, combustible materials, aluminum, chemically active metals, carbides, turpentine oils, azides, carbides, ammonium hydroxide, sodium thiosulfate.

11. Toxicological Information

General: May be harmful if swallowed. May cause eye and skin irritation. Avoid skin contact or inhalation. May cause an allergic reaction in sensitive individual.

Ingestion: Irritant, may be harmful, can cause iodism.
Iodine ingestion symptoms include a metallic taste, vomiting, abdominal pain, and diarrhea.
Iodine: Oral human LDLO 28 mg/kg, Oral rat LD50 14 g/kg

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

Skin Contact: Irritant.

Inhalation: Strong irritant of mucous membrane and respiratory tract - avoid creating aerosols or mists.

12. Ecotoxicity Information

9.1A Ecotoxic in the Aquatic Environment
Avoid loss into natural waterways

13. Disposal Considerations

Container Disposal:	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.
Product Disposal:	Dispose of product safely in accordance with local regulations. Avoid contamination of any water supply with chemical 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 D.G. classes 1, 5, 7, acids, food or food containers.

15. NZ Regulatory Information

ERMA Approval Code:	HSR002521
Group standard:	Animal Nutritional and Animal Care Products.
Substance Name:	Liquid containing 2.3 - 2.7 % Iodine

HSNO Classifications:	6.3A	Toxic Substance - Skin Irritant
	6.4A	Toxic Substance - Eye Irritant
	6.5B	Toxic Substance - Sensitiser (Contact)
	6.9B	Toxic Substance - Suspected Toxic to target organs or systems
	9.1A	Ecotoxic in the Aquatic Environment

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

Approved Handler Test Certificate:	<i>Not required</i>
Hazardous Substance Location:	<i>Not required</i>
Location Test Certificate:	<i>Not required</i>
Hazardous Atmosphere Zone:	<i>Not required</i>
Emergency Plan:	<i>100 litres</i>
Tracking:	<i>Not required</i>
Warning Sign:	<i>100 litres</i>
Disposal:	<i>Not required</i>

16. Other Information

Issue Date:	19-Jan-07	
Review Date:	19-Jan-12	Replaces issue of 10-May-06

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>