

AGMAX INDUSTRIES LTD
Iodine Teatspray
SAFETY DATA SHEET

Issue Date: September 09

1. Product and Company Information

Product Name: Agmax Iodine Teatspray (2.2%)
Proper Shipping Name: Iodine
Synonyms:
Recommended Use: Aid in the control of Mastitis producing organism on the teat
Manufacturer: Agmax Industries Limited
Address: 47 Allens Road, East Tamaki, Manukau City 2141, Auckland
Telephone Number: 09 271 5290
Facsimile Number: 09 271 5293
0508 524 824 Monday – Friday 8:00 am – 5:00 pm
NZ Emergency Number: 0800 243 622 (24 hours)
Website: www.agmax.co.nz
Email: info@agmax.co.nz

2. Hazards Identification

Dangerous Goods Classified as a Licensed Animal Remedy
ERMA Approval Code: HSR002310

Based on Iodine 20%

HSNO Classification and 6.3A, 6.4A, 6.5B, 6.9B, 9.1C
Hazard Statements:

6.3A Harmful – may cause skin irritation
H315 Causes skin irritation

6.4A Harmful – may cause eye irritation
H320 Causes eye irritation

6.5B Harmful – may cause skin sensitization from prolonged skin contact
H317 May cause an allergic skin reaction

6.9B Harmful – presumed to cause organ damage from repeated oral exposure at high doses
H373 May cause damage to organs through prolonged or repeated exposure

9.1C Harmful to aquatic life with long-lasting effects. Avoid contamination of any water supply with product or container
H412 Harmful to aquatic life with long lasting effects

Prevention Statements:

- P103 Read label before use
- P260 Do not breathe fumes / mist / vapors or spray
- P261 Avoid breathing fumes / mist / vapors or spray
- P264 Wash hands thoroughly after using
- P270 Do not eat, drink or smoke when using this product
- P272 Contaminated clothing should not be allowed out of the workplace
- P273 Avoid release into the environment.
- P280 Wear protective gloves and clothing

Response Statements:

- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P321 Specific treatment (refer First Aid section of the label)
- P332+P313 If skin irritation occurs: get medical advise / 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 attention
- P363 Wash contaminated clothing before re-use
- P309+P311 If exposed or if you feel unwell: Call a POISON CENTER or doctor / physician
- P314 Get medical advise / attention if you feel unwell

Storage statements:

- P405 Store locked up

Disposal Statement:

- P501 Dispose of empty containers safely in accordance with local regulations.

3. Composition / Information on Ingredients

Appearance: Dark Brown / Black viscous liquid

Contains: 20 grams per litre of available Iodine in the form of a nonylphenoxypoly (ethylenoxy) ethanol-iodine complex

C.A.S	11096-42-7	ethoxylated iodine complex	< 15%
	7732-18-5	water	< 50%
	56-81-5	1,2,3-Propanetriol	> 15%
	50-70-4	Sorbitol	< 15%
		Adjuvant and pH adjusters	< 5%

4. First Aid Measures

If medical advice is needed, have product container or label on hand

Ingestion: Give water to dilute Do NOT cause vomiting unless medical treatment is delayed more than an hour. Seek immediate medical assistance

Eye Contact: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information center or a doctor, or for at least 15 minutes. Seek immediate medical attention

Skin Contact: Remove contaminated clothing including footwear. Wipe off excess material from skin and then flush skin thoroughly with plenty of water for at least 15 minutes. Do not use organic solvents or thinners. Seek medical attention if redness, blistering or irritation occurs or persists.

Inhalation: Remove victim to fresh air. Keep warm. Allow person to assume most comfortable position Keep at rest until fully recovered. If breathing has stopped, apply artificial respiration. Seek medical attention immediately if the person is coughing or other symptoms develop or persist.

Note to Physician: Treat symptomatically.

5. Fire-Fighting Measure:

Specific Hazards: Strong heating under fire conditions may result in release of toxic gases of iodine and hydrogen iodide. Contact with oxidizable substances and incompatibles may cause extremely violent combustion
Fire fighters should wear full protective clothing and self-contained breathing apparatus.

Suitable

Extinguishing Media: Carbon dioxide or dry chemical agents

6. Accidental Release Measures:

Spill Cleanup Methods: Isolate hazard area. Wear protective clothing, safety goggles and gloves when cleaning up spills. Do not flush spills directly to sewer. Transfer material to suitable containers for recovery. Cover spill area with an excess of reducing agent (e.g. sodium thiosulfate solution) then neutralize with soda ash . Collect slurry into approved containers.

7. Handling and Storage:**Handling:**

Handle and open containers with care. Use only in well ventilated areas. Close containers tightly immediately after use.

Storage:

Store in a cool, dry, well ventilated area away from sources of heat or ignition. Keep out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials. Keep containers closed when not in use – check regularly for leaks

8. Exposure control / Personal Protection:**Exposure standards:**

Observe the New Zealand Workplace Exposure Standard:

Iodine:(Ceiling) TWA 0.1 ppm, 1.0 mg/m³

Engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. If inhalation risk exists: Use with local exhaust ventilation or while wearing air supplied mask. Keep containers closed when not in use.

Personal Protection:

Wear overalls, safety goggles and/or full face shield, elbow-length impervious gloves, splash apron and rubber boots. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and Chemical properties:**Appearance and Odor:**

Dark Brown – Black viscous liquid with pungent odour

Solubility in water (g/l):

miscible

Specific Gravity:

1.11 @ 20°C

pH value:

3.2 – 3.6

10. Stability and Reactivity:

Stable in sealed containers if stored correctly

Avoid heat, light and poor ventilation

Incompatible with ammonia, powdered metals, alkali metals, strong reducing agents, ammonium hydroxide and strong bases

Toxicological Information:**Iodine**

Oral LD50	(rat)	14000 mg/kg
Oral	(human)	28 mg/kg – Lowest lethal dose
Inhalation	(rat)	137 ppm/h – Lowest level concentration

11. Ecotoxicity Information:

Avoid contaminating waterways

Aquatic Toxicity: (fish) LC50 1.7 mg/l/96 h (Rainbow Trout)

Daphnia Toxicity: EC50 0.2 mg/l/48 h (Daphnia magna)

This substance is toxic to aquatic organisms and is hazardous to the environment.

12. Disposal Considerations:

Container disposal: Wherever possible, the material should be reclaimed or re-used. Otherwise,
+ waste material can be disposed either by incineration or by disposal to a licensed
Product disposal: landfill. Containers may be disposed off in the same manner.

13. Transport Information:

UN No.

Dangerous Goods Class:

Hazchem code:

Packing group:

Proper Shipping Name:

Segregation:

14. NZ Regulatory Information:

ERMA approval Code: HSR002310 **Licensed Animal Remedy**

NZFSA Approval: A006882

15. Other Information:

Disclaimer:

The data given relates to this product alone, and not to its use in conjunction with other substances or products.

In such circumstances, assuming the combination is permitted, refer to product labels, be guided by the most hazardous of the substances involved and observe the more stringent hazard controls applicable.

The information contained in this Safety Data Sheet was obtained from current and reliable sources. The data is supplied without warranty, expressed or implied regarding its correctness and accuracy. It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense resulting from improper use of this product.