

**TEAT SPRAY****MATERIAL SAFETY DATA  
SHEET****TEAT SPRAY**

File No.: 225533760

# TEAT SPRAY

## 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name : **TEAT SPRAY**

Supplier Details : Deosan New Zealand Ltd.  
20 Seddon Street  
Waharoa  
Telephone: 0800 336 726 (0800 DEOSAN)  
Fax: 07 888 5624  
Email: [info@deosan.co.nz](mailto:info@deosan.co.nz)

Product & Sales Enquiries : 0800 336 726 (0800 DEOSAN)

Emergency Contact Numbers : **24 hour company contact:**  
0800 DEOSAN (0800 336 726)  
**Specialist Advice:**  
0800 CHEMCALL (0800 243 622)  
**Medical Advice –National Poisons Centre**  
0800 POISONS (0800 764 766)  
**Ecotoxic Spillage – Call Regional Council**  
**Pollution Response Service:**  
0800 800 401

Product Details : Iodine based teat sanitizer concentrate with emollient.

Registered pursuant to the ACVM act 1997 No.A3656 Agri Quality approved for the use in Farm Dairies. See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions. Passed NZ Teat Sanitizer Protocol A : 1998

## 2. HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of in the Hazardous Substances and New Organisms Act 1996 (HSNO)**

**HSNO Approval Number: N/A**  
**UN Number: 3082**  
**Dangerous Goods Class: 9**  
**Packing Group: III**

**HSNO Classification:**

- 6.3A** (Causes skin irritation)
- 6.4A** (Causes serious eye irritation)
- 6.5B** (May cause an allergic skin reaction)
- 6.9B** (May cause damage to organs through prolonged or repeated exposure)
- 9.1C** (Harmful to aquatic life with long lasting effects)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Components	CAS- No.	Concentration [%]
Sorbitol Emollient	50-70-40	<30.0
Available Iodine (Iodophor Concentrate)	11096-42-7	<10.0
Nonionic Surfactants	127087-87-0	<5.0
Ethanol	64-17-5	<5.0
pH Buffer (Sodium Hydroxide 50%)	1310-73-2	<1.0
Water	7732-18-2	To 100%

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## 4. FIRST AID MEASURES

- If Inhaled:** May cause damage to organs through prolonged or repeated exposure. Remove to fresh air and keep at rest in a position comfortable for breathing.
- If Swallowed:** Non hazardous. Do not induce vomiting. Drink a large quantity, several glasses of water, or milk, Seek medical attention if a problem persists.
- If In Eyes:** Contact with eyes may cause irritation. Immediately flush eyes with flowing water including under the eyelids for several minutes. If irritation persists seek medical assistance.
- If On Skin (or Hair):** Contact with skin may cause allergic skin reaction and irritation. Remove; take off immediately all contaminated clothing. Rinse skin with water/shower until no more irritation. Wash contaminated clothing before re use.
- Immediately call a POISON CENTRE or doctor physician. Get medical attention if you feel unwell. Absorb spillage to prevent material damage.

## 5. FIRE-FIGHTING MEASURES

**TEAT SPRAY** product is not flammable. Any fire extinguishers used in the vicinity are to be suitable for the combustibles in the area. Do not apply water directly onto open quantities of product, always dilute product into water.  
Fire-fighters should wear full protective clothing suitable for chemical hazards with self contained breathing apparatus.

**HAZCHEM Code:** 2X

## 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves, clothing and eye/face protection.  
Keep unnecessary people away from the hazardous area.  
Dike spillage area to prevent runoff and contamination of water sources; Clean up by absorbing with sand or soil, or diluting with water and then remove contaminants to a chemical disposal area.

## 7. HANDLING AND STORAGE

Read Label Before Use.

**Handling:** Wear protective gloves, clothing and eye/face protection. Do not breathe mist or vapours, use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product, wash hands thoroughly after handling.  
Keep only in original container.  
Prevent spillage into waterways.

**Storage:** Store in corrosive resistant container with a resistant liner.  
Store locked up.

**Warning – Keep out of reach of children**

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

**Available Iodine (Iodophor Concentrate):** 10 mg/m<sup>3</sup> TWA

### Engineering Controls

No specific exposure controls are needed.

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**Personal Protective Equipment (PPE)**

When handling product at all times wear:  
PVC protective gloves  
Protective clothing  
Safety Glasses/Goggles/Face Shield  
Chemical/water proof boots  
Chemical resistant apron

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Specifications</b>	
<b>Appearance</b>	Dark Brown/Black Liquid
<b>Odour</b>	Strong Iodine
<b>pH</b>	2.3 – 3.8
<b>Vapour Pressure</b>	Not available for substance
<b>Vapour Density</b>	Not available for substance
<b>Boiling Point</b>	~100°C
<b>Freezing Point</b>	~0°C
<b>Solubility</b>	Completely in water
<b>Specific Gravity</b>	1.1 – 1.106 gm/ml at 20°C

**10. STABILITY AND REACTIVITY****Stability**

TEAT SPRAY is a stable product.

**Reactivity**

TEAT SPRAY is a non-reactive product.

**Hazardous Reactions**

TEAT SPRAY is a stable and non-reactive product.

**11. TOXICOLOGICAL INFORMATION****General**

TEAT SPRAY is harmful if not handled appropriately.

**Oral toxicity:**

Harmful if inhaled. Causes damage to organs through prolonged or repeated exposure. If swallowed will cause burning of digestive tract.

**Skin irritation:**

Causes skin irritation and if left may cause a rash from an allergic skin reaction.

**Eye irritation:**

Causes eye irritation and if left may cause eye damage.

**12. ECOLOGICAL INFORMATION**

Harmful to aquatic life, with long lasting effects, do not release to the environment.

HSNO Class:

**9.1C** (Harmful to aquatic life with long lasting effects)

**13. DISPOSAL CONSIDERATIONS**

Return unwanted product to the manufacturer for disposal or contact the Regional Council for local chemical disposal area details.

Empty container may contain product traces rinse container well while wearing appropriate safety equipment, remove labels and dispose in Landfill or Incinerator.

# TEAT SPRAY

## 14. TRANSPORT INFORMATION

UN Number	3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, NOS
DG Class	9
Packing Group	III
Special Precautions	None
HAZCHEM Code	2X

## 15. REGULATORY INFORMATION

ERMA Registration Number: N/A

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HSNO Group Standard Name: N/A

Approved Handler: Not Required

Labelling in accordance with: HSNO regulations:

**Class 6.5B, 6.9B**



**Class 9.1C Ecotoxic**



**Contains: 20 g/l Available Iodine  
217 g/l Sorbitol Emollient**

# TEAT SPRAY

## 16. OTHER INFORMATION

### Version 2.0

**Issue Date:** 22-09-2008

**Review Date:** 22-09-2008

### Glossary

**ERMA** – The Environmental Risk Management Authority of New Zealand

**HSNO** – Hazardous Substances and New Organisms Act 1996

**pH** – Measure of how acidic or alkaline a material is using a 1-14 scale. pH 1 is strongly acidic and pH14 is strongly alkaline.

**TWA** – Time Weighted Average. The average concentration of a chemical in air over the total exposure time – usually an 8-hour workday

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The information on this Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described on the label is the responsibility of the user.