

**DEFLATE TT****MATERIAL SAFETY DATA  
SHEET****DEFLATE TT**

File No.: 225533820

# DEFLATE TT

## 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name : **DEFLATE TT**

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 : A Pluronic aid in the prevention and treatment of bloat in cattle through trough water or as a drench at the recommended dosage.

Registered pursuant to the ACVM act 1997 No.A9395 Agri Quality approved for the use in Farm Dairies. See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions.

## 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:**

**6.1E** (May be fatal if swallowed and enters airways.)

**6.3B** (Causes mild skin irritation)

**6.4A** (Causes eye irritation)

**9.1B** (Toxic to aquatic life with long lasting effects.)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Components	CAS- No.	Concentration [%]
Ethylene Oxide, Propylene Oxide, Copolymer	9003-11-6	>50.0
Monopropylene Glycol	57-55-6	<5.0
Ethanol	64-17-5	<5.0
Monyl Phenol Ethoxylate	127087-87-0	>30.0
Food Red 3 Dye (CI 14720)	3567-69-9	<1.0
Water	7732-18-2	To 100%

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## 4. FIRST AID MEASURES

- If Inhaled:** Remove to fresh air and keep at rest in a position comfortable for breathing.
- If Swallowed:** Swallowed product can cause nausea, diarrhoea. Rinse mouth. Do NOT induce vomiting. Drink large quantities of water, milk of magnesia, egg whites followed by vegetable oil. Immediately call a POISON CENTER or doctor/physician.
- If In Eyes:** Contact with eyes may cause eye damage. Flush immediately to reduce injury. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
- If On Skin (or Hair):** May cause mild skin irritation. Wear protective clothing when handling product. Wash immediately area affected to reduce injury if contact with skin happens. Remove; take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. 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

**DEFLATE TT** 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.  
Do not release to the environment.

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

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

No specific exposure guidelines available

### 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>	Red Liquid
<b>Odour</b>	Slightly Chemical
<b>pH</b>	6.0 – 7.0
<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>	1.045 – 1.050 gm/ml at 20°C

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

DEFLATE TT is a stable product.

**Reactivity**

**Always add DEFLATE TT to water.** DEFLATE TT is more soluble in warm water. A gel may form if water is added into DEFLATE TT product.

**Hazardous Reactions**

DEFLATE TT is a non-hazardous product.

**11. TOXICOLOGICAL INFORMATION**

- General** DEFLATE TT is harmful if not handled appropriately.
- Oral toxicity:** If swallowed may cause irritation of digestive tract.
- Skin irritation:** Usually a sensation on infected area which may cause mild skin irritation if left untreated.
- Eye irritation:** May be an irritant on eyes which may cause eye damage.

**12. ECOLOGICAL INFORMATION**

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

HSNO Class:

**9.1B** (Toxic 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.

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## 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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- 6.4A (Causes eye irritation)
- 9.1B (Toxic to aquatic life with long lasting effects.)

HSNO Group Standard Name: N/A

Approved Handler: Not Required

Labelling in accordance with: HSNO regulations:

**Class 6.1E, 6.3B, 6.4 A**



**Class 9.1B Ecotoxic**



**Contains: 600 g/l Ethylene Oxide, Propylene Oxide, Co-polymer; 300 g/l Nonyl Phenol Ethoxylate**

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## 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.