

BLOAT CONTROL

1 – PRODUCT AND COMPANY INFORMATION

PRODUCT USE: Bloat prevention in dairy cows.

SUPPLIER: Deosan Manufacturing Ltd

20 Seddon Street

WAHAROA

NEW ZEALAND

Telephone: 0800 336 726 (0800 DEOSAN) / +64 7 888 5628

Email: info@deosan.co.nz

24 Hour Emergency Contact: 0800 243 622

International Emergency Number: +64 4 917 9888

New Zealand Poison Centre: 0800 POISON (0800 764 766)

NZ Emergency Services: 111

2 – HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. DANGEROUS GOODS.

Classified as hazardous according to criteria in the New Zealand Hazardous Substances and New Organisms legislation and GHS 7th Edition.

HAZARD LABELLING: WARNING

GHS CLASSIFICATION

- Acute Oral Toxicity Category 4
- Eye Irritation Category 2
- Hazardous to the Aquatic Environment Chronic Category 2
- Hazardous to Terrestrial Vertebrates



HSNO Classification: 6.1D, 6.3B, 6.4A, 9.1B, 9.3B

GHS HAZARD STATEMENTS

Physical Hazards: None

Health Hazards: Toxic if swallowed.

May cause skin irritation.

Environmental Hazards: Toxic to aquatic life. May cause long-lasting harmful effects.

BLOAT CONTROL

PREVENTION

- Keep out of reach of children.
- Read label and safety data sheet before use.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.

RESPONSE

- If medical advice is needed, have product container or label at hand.
- **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Seek medical attention if you feel unwell.
- **IF ON SKIN (or hair):** Contact with skin may cause irritation in some people. Remove all contaminated clothing. Rinse skin with water/shower until no more irritation.
- **IF INHALED:** nature of product is such that inhalation is not a risk.
- **IF IN EYES:** Contact with eyes may cause irritation. Immediately flush eyes with flowing water including under the eyelids for at several minutes. If irritation persists, seek medical assistance.
- **Immediately call a POISON CENTER or doctor/physician if unwell.**
- Wash contaminated clothing before reuse.

STORAGE

- Store only in original container.
- Store locked up.

DISPOSAL

Dispose of contents and packaging in accordance with relevant legislation. See Section 13 of this SDS Document for more information.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients

Component	CAS- No.	Concentration [%]
Alcohol Ethoxylate	24938-91-8 or 9002-92-0	>80.0
Ethanol	64-17-5	<5.0

SYNONYMS: None.

4 - FIRST AID MEASURES

IN AN EMERGENCY CALL AN AMBULANCE (111).

Primary routes of exposure by inhalation of vapour and contact with skin or eyes.

MAIN SYMPTOMS CAUSED BY EXPOSURE

Exposure may cause allergic reactions (typically a skin rash) in some people. More severe reactions are very rare but will require urgent medical attention should they occur.

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SWALLOWED

Swallowed product can cause nausea, diarrhoea, unpleasantness in the mouth and digestive tract. Rinse mouth Drink large quantities of water, milk of magnesia, egg whites followed by vegetable oil. Call a POISON CENTER or doctor/physician if you feel unwell.

EYE

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, and continue rinsing.

Removal of contact lenses after an eye injury should be undertaken by skilled personnel.

SKIN

May cause mild skin irritation.

Wash immediately area affected to reduce injury if contact with skin happens. Remove immediately all contaminated clothing. Rinse skin with water/shower until foaming stops.

INHALED

Remove the person to fresh air. Have them take deep breaths of fresh air. If additional symptoms such as sustained coughing, wheezing or breathlessness persists seek medical attention.

NOTES TO PHYSICIAN

Treat symptomatically based on individual reactions of patient and judgement of doctor.

NOTE: In an emergency dial 111, for advice contact a Poison Centre (0800 764766).

5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions: water, water spray, dry powder, foam, carbon dioxide (CO₂).

FIRE FIGHTING

Alert Fire Brigade and tell them location and nature of hazard. Clear fire area of all non-emergency personnel.

Prevent, by any means available, spillage from entering drains or water course. Use firefighting procedures suitable for surrounding area.

Equipment should be thoroughly decontaminated after use.

SPECIFIC HAZARDS

None.

Non-combustible. Will not self-ignite or explode.

Not considered a fire risk, however containers may melt and release product.

PERSONAL PROTECTIVE EQUIPMENT

Fire-fighters should wear full protective clothing suitable for chemical hazards with self-contained breathing apparatus. The substance must be contained and prevented from entering drains and water courses in all circumstances.

HAZCHEM CODE

3Z

BLOAT CONTROL

6 – ACCIDENTAL RELEASE MEASURES

Only fully trained personnel should be involved in handling chemicals. Personal Protective Equipment advice is contained in Section 8 of this SDS.

Wear protective gloves, clothing and eye/face protection.

Keep unnecessary people away from the hazardous area.

MINOR SPILLS

Clean up all spills immediately.

Clear area of all personnel not involved in the clean-up. Avoid contact with skin and eyes.

Wear full protective equipment. 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.

MAJOR SPILLS

Clear area of all personnel not involved in the clean-up. Wear full body protective clothing with breathing apparatus.

If possible, dike spillage area to prevent runoff and contamination of water sources. Alert Fire Brigade and tell them location and nature of hazard.

Contain spilled material with sand, earth, vermiculite or another non-combustible material. Prevent, by any means available, spillage from entering drains or water courses.

Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains.

After clean-up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.

If significant contamination of drains or waterways occurs, advise emergency services.

7 – HANDLING AND STORAGE

PROCEDURE FOR HANDLING

Operators should be trained in procedures for safe use of this material. Contact lenses should not be worn when working with this chemical.

WARNING: Keep out of reach of children.

Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers.

Use good occupational work practice. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use.

SUITABLE PACKAGING

The UN Packaging specification number as well as the UN packaging Logo is to be printed on the containers. Store product in original packaging.

Corrosive resistant Plastic (HDPE) drum

Check all packaging is clearly labelled and free from leaks.

STORAGE INCOMPATIBILITY: None.

BLOAT CONTROL

STORAGE REQUIREMENTS

Store locked up.

Store in original containers.

Keep containers securely sealed to protect from moisture contamination. Store in a cool, dry, well-ventilated area.

Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

No exposure limits set by WorkSafe New Zealand.

ENGINEERING CONTROLS

No specific engineering controls are needed.

VENTILATION SYSTEM

No specific ventilation systems are required.

PERSONAL PROTECTION EQUIPMENT (PPE)

When handling product always wear PVC protective gloves and eye protection. Protective clothing, Chemical/waterproof boots and chemical resistant apron also recommended.

PERSONAL RESPIRATORS

Not required

SKIN PROTECTION

Wear impervious protective clothing, including chemical resistant boots, gloves, apron or overalls as appropriate to prevent skin contact. Refer to AS/NZS 2161.1:2016 Occupational Protective Gloves – Selection, use and maintenance; AS/NZS 2210.1:2010 for Safety footwear; AS/NZS 4501.1:2008 Occupational protective clothing – Guidelines on the selection, use, care and maintenance of protective clothing.

EYE PROTECTION

Use approved chemical safety goggles and a full-face shield. Refer to Personal eye protection Part 1: Eye and face protectors for occupational applications, Australian/New Zealand Standard: AS/NZS 1337.1:2010. Ensure that there is ready access to eye wash unit.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Viscous deep red liquid.

PHYSICAL PROPERTIES

PROPERTY	VALUE
State:	Liquid
Odour:	Slightly chemical
Molecular Weight:	Not available
Melting Range (°C):	~-0°C

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Boiling Range (°C):	~100°C
Solubility in water (g/L, 20°C):	Completely
pH:	6.0 – 7.0
Specific Gravity (g/ml):	1.015 – 1.023
Bulk Density (kg/m ³):	Not applicable
Volatile Component (%vol, 21°C):	Not available
Relative Vapor Density (air=1):	Not applicable
Vapour Pressure (hPa, 1175°C):	Not available
Autoignition Temp (°C):	Not applicable
Flash Point (°C):	Not applicable
Lower Explosive Limit (%):	Not applicable
Upper Explosive Limit (%):	Not applicable
Decomposition Temp (°C):	Not available
Viscosity (cps):	Not available
Evaporation Rate:	Not available

10 – CHEMICAL STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable under normal conditions of use, storage and temperature.

CONDITIONS TO AVOID

Excessive heat, direct sunlight, moisture, high temperatures.

INCOMPATIBLE MATERIALS

None.

HAZARDOUS DECOMPOSITION PRODUCTS

None.

HAZARDOUS REACTIONS

None.

11 – TOXICOLOGICAL INFORMATION

SWALLOWED

Harmful if swallowed. Toxic. Will cause burning of digestive tract.

EYE

Will cause acute irritation of the eye following direct contact. May cause eye damage.

Precautions should be taken to ensure direct eye contact is avoided.

SKIN

Generally non-hazardous. May cause mild irritation.

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INHALED

N/A

CHRONIC HEALTH EFFECTS

None known.

TOXICITY AND IRRITATION DATA TOXICITY

Acute Oral Toxicity, Rat, LD50: Not available

Acute Dermal Toxicity, LD50: Not available.

Acute Inhalation Toxicity, LC50: Not available.

IRRITATION

Eye: Mildly irritant.

Skin: Non-hazardous.

Carcinogenic effects: The substance is not classified by IARC as carcinogenic to humans.

Mutagenic effects: No data available.

Reproductive or developmental effects: No data available.

Aspiration hazard: No data available.

Specific target organ toxicity: No data available.

Sensitisation (respiratory/contact): No data available.

12 – ECOLOGICAL INFORMATION

ECOTOXICITY

Hazardous to the Aquatic Environment Chronic Category 2.

Hazardous to Terrestrial Vertebrates

ECOTOXICITY DATA

Fish, 96hr LC50: Not available

Persistence and Degradability: Not available

Mobility: Soluble in water.

Bioaccumulation: The substance has no known potential for bioaccumulation.

BOD or COD: Not available

PRODUCTS OF DEGRADATION: Not available

13 – DISPOSAL INFORMATION

PRODUCT

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

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Treatment in a biological wastewater treatment system with prior approval and arrangement is also permissible providing that the substance is rendered non-hazardous and does not pose any adverse effects to human health or the environment.

Alternatively consult an approved Waste Management company for disposal options.

PACKAGING

NZ: Triple-rinse empty containers. Contact AgRecovery to arrange for pick-up or drop-off at a collection depot.

Overseas: Triple-rinse empty containers. Dispose of containers in accordance with guidance/regulations from relevant local authorities.

Observe all label safeguards until containers are cleaned and destroyed.

Where possible retain label warnings and SDS and observe all notices pertaining to the product.

14 – TRANSPORT INFORMATION

UN Number:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, NOS
DG Class:	9
Packing Group:	III
Label required:	Ecotoxic
Hazchem code:	3Z
Marine Pollutant:	Yes
EMS Number:	N/A
Road and Rail Transport:	Do not ship with foodstuffs.



15 – REGULATORY INFORMATION

REGULATIONS

Classified as hazardous according to the criteria of the New Zealand Hazardous Substances and New Organisms Act.

This product has been assigned to the following Approval by Deosan Manufacturing Ltd: **Liquid containing 77 - 85% C12 - C14 ethoxylated alcohol.**

EPA Approval number: **HSR002005.**

Location compliance certification, certified handler and tracking regulations do not apply.

SECTION 16 – OTHER INFORMATION

BLOAT CONTROL

INTERPRETATION AND ABBREVIATIONS

EPA - The Environmental Protection Authority of New Zealand

HSNO - Hazardous Substances and New Organisms Act 1996

MPI - Ministry for Primary Industries

EINECS - European Inventory of Existing Commercial Chemical Substances.

ENCS - Japanese Existing and New Chemical substances.

ERPG - Emergency Response Planning Guidelines.

GHS - Globally Harmonized System of Classification and Labelling of Chemicals.

IARC - International Agency for Research on Cancer.

SOURCES OF KEY DATA USED TO COMPILE THE DATASHEET:

Manufacturer's SDS, NZ EPA, CCID

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