

Section 1: Identification of the Substance and the Supplier.

Product Name: **Aakland No-Bloat**
Recommended use: Drench to control frothy bloat in cattle
Company details: Aakland Chemicals (1997) Ltd
Address: 12 Wigram Close, Sockburn
PO Box 323, Christchurch 8140
Telephone number: +64 3 341 8490 **Facsimile:** +64 3 341 8491
Email: lab@aakland.co.nz
Emergency Phone No: 0800 243 622 (0800 CHEMCALL) for out of hours advice

Section 2: Hazards identification

Road and Rail Transport: Classified as a Dangerous Good under NZS 5433:2020 (Transport of Dangerous Goods on Land)

SIGNAL WORD: Warning

HSNO classifications	GHS Classifications
6.1 D	Harmful if swallowed – Acute oral toxicity 4
6.3 B	Causes mild skin irritation
6.4 A	Causes eye irritation – Eye irritation 2
9.1 A	Hazardous to aquatic environment – environment chronic 1
9.3 C	Hazardous to terrestrial vertebrates

EPA NZ Approval: HSR002000 - Liquid containing 90 - 95% C12 - C15 ethoxylated propoxylated alcohol



Hazard Statement(s):

H312 – Harmful in contact with skin.
H316 – Causes mild skin irritation.
H319 – Causes serious eye irritation.
H400 – Very toxic to aquatic life.
H433 – Harmful to terrestrial vertebrates.

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Precautionary Statements

Prevention:

- P102 – Keep out of reach of children.
- P103 – Read label before use.
- P264 – Wash hands thoroughly after handling.
- P273 – Avoid release to the environment.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P101 – If medical advice is needed, have product container or label at hand.
- 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.
- P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
- P322 – Specific measures:
- P332+P313 – If skin irritation occurs: Get medical advice/attention.
- P337+P313 – If eye irritation persists: Get medical advice/attention.
- P363 – Wash contaminated clothing before re-use.
- P391 – Collect spillage.

Disposal

- P501 – Dispose of the product and packaging at an approved landfill or other approved facility. Avoid contamination of waterways. Do not use container for any other purpose.

Section 3: Information on Ingredients

Components	CAS Number	Proportion
Fatty alcohol alkoxylate	103818-93-5	95 % w/w
Water	-	Balance to 100%

Section 4: First Aid Measures

- First Aid:** Call a Doctor or National Poisons Centre 0800 POISON (0800 764 766) following first aid treatment.
- Skin Contact:** Rinse skin with plenty of water. Remove contaminated clothing and wash before re-use. If skin irritation or rash occurs get medical advice
- Eye Contact:** Rinse with water for several minutes, remove contact lenses if present and easy to do, continue rinsing.
If eye irritation persists seek medical advice
- Ingestion:** Rinse mouth, do **NOT** induce vomiting.
Call a POISONS CENTRE or doctor if you feel unwell.
- Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Medical attention and special treatment: Treat symptomatically

Section 5: Fire Fighting Measures

Hazards from combustion products: This product is a combustible liquid. Heating can cause expansion or decomposition leading to violent rupture of containers. Excessive heat will lead to accelerated oxidative degradation. On burning, product will emit toxic fumes including carbon dioxide and carbon monoxide.

Precautions for fire fighters and special protective equipment: Wear protective firefighting clothing (includes firefighting helmet, coat, trousers boots and gloves). Wear self-contained breathing apparatus.

Suitable extinguishing media: In case of fire, appropriate extinguishing media include large fires - water fog, fine water spray or foam. Small fires - foam, dry chemical, carbon dioxide and water spray

Section 6: Accidental Release Methods

Personal Protective Equipment advice is contained in Section 8 of this SDS.

Method and materials for containment and clean up: Contain spill with sand or other absorbent material and transfer to plastic drums for approved disposal. Wash away very small spills with water, avoid contamination of waterways. Spill area will be very slippery.

Section 7: Handling and Storage

Personal Protective Equipment advice is contained in Section 8 of this SDS.

Precautions for safe handling: Wear protective clothing when risk of exposure occurs.

Conditions for safe storage: Keep out of reach of children. Store in original packaging in a cool, dry, well-ventilated area. Avoid excessive heat. Store separately from foodstuffs.

Section 8: Exposure controls/Personal protection

Workplace Exposure guidelines: No exposure limits set for CAS 103818-93-5 by Worksafe New Zealand.

Ventilation specification: Ensure adequate ventilation.

Personal Protective equipment: Wear protective gloves, clothing, eye protection (safety glasses and/or face shield) and safety footwear.

Section 9: Physical and Chemical Properties

APPEARANCE

A slightly viscous dark red liquid.

PHYSICAL PROPERTIES

PROPERTY	VALUE
State:	Liquid
Colour:	Clear dark red liquid
Odour:	Mild
Odour threshold:	No data available
Freezing point:	No data available
Melting range:	No data available
Boiling range:	No data available
Solubility in water:	100%
Evaporation rate:	No data available
Specific gravity:	Approx. 1.0
pH: (neat)	5 - 7
Flash point:	>180°C closed cup method
Flammability:	No data available
Upper/lower flammability limits:	Not applicable
Auto ignition temperature:	Not applicable
Vapour pressure:	No data available
Vapour density:	No data available
Decomposition temperature:	>250°C
Viscosity:	No data available
Partition coefficient: n-octanol/water	No data available

Section 10: Stability and Reactivity

Chemical Stability: Product is considered stable under normal conditions of use, storage and temperature.

Conditions to avoid: Avoid temperature extremes, direct sunlight, fire and ignition sources.

Incompatibles materials: Incompatible with strong acids and oxidizing agents.

Hazardous reactions: None known

Hazardous decomposition products: On burning, product will emit toxic fumes including carbon dioxide and carbon monoxide.

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Section 11: Toxicological Information

- Ingestion:** Maybe harmful in large quantities. Ingestion of large amounts may cause nausea, abdominal irritation, pain and vomiting.
- Eye contact:** Extremely discomforting to the eyes, causing irritation, redness, and impairment of vision.
- Skin contact:** May cause itching and skin rash. Repeated exposure may lead to contact dermatitis.
- Inhalation:** Inhalation of mist may cause irritation
- Long term effects:** No information available

Toxicity and Irritation Data:		
Acute toxicity	Oral LD50	Dermal LD50
	1200-2700mg/kg (Rat)	No data available

Acute toxicity;	X
Skin irritation/Corrosion:	Causes mild skin irritation
Serious eye: Damage/irritation:	Causes serious eye damage.
Respiratory irritation:	X
Ingestion:	Ingestion of large amounts may cause nausea and vomiting
Respiratory or Skin sensitisation:	Causes mild skin irritation
Mutagenicity:	X
Carcinogenicity:	X
Reproductivity:	X
STOT – Single exposure:	X
STOT – Repeated exposure:	X
Aspiration Hazard:	X
Narcotic effect:	X
X=	Data either not available or does not fill the criteria for classification.

Section 12: Ecological information

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Ecotoxicity: Toxic to aquatic life with long lasting effects.

Ecotoxicity Data:

Fish, 96h EC50: .10mg/l

Persistence and Degradability: May persist in the environment.

Mobility: No data available.

Bioaccumulative: No data available.

Products of biodegradation: No data available.

Other adverse effects: No information available.

Section 13: Disposal considerations

Disposal of Hazardous Substances is subject to the Resource Management Act and Council By-Laws in addition to HSNO requirements. Do not dispose with household rubbish.

Disposal methods: Recycle both product and packaging if possible. Dispose of the product and packaging at an approved landfill or other approved facility. Avoid contamination of waterways. Do not use container for any other purpose.

Section 14: Transport information

Road and Rail Transport: Classified as a Dangerous Good under NZS 5433 (Transport of Dangerous Goods on Land)

Marine, Air Transport: Similar listing as for Road and Rail Transport apply

UN No.: 3082 **Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (SURFACTANTS)

DG Class(es): 9 **Packing Group:** III **Hazchem:** 3Z

Section 15: Regulatory Information

Classified as a hazardous according to the criteria of the New Zealand Hazardous Substances Hazard Classification) Notice 2020.

EPA NZ Approval: HSR002000 - Liquid containing 90 - 95% C12 - C15 ethoxylated propoxylated alcohol

ACVM; Registered pursuant to the ACVM Act 1997, No A6044.

Veterinary Medicine See www.nzfsa.govt.nz/acvm for registration conditions

Section 16: Other information

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Disclaimer: This SDS summarises our best knowledge at the date of issue, the chemical health and safety limits of the material and general guidance on how to safely handle the material in the workplace. Since Aakland Chemicals (1997) Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Aakland Chemicals (1997) Ltd