

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	Bloataid Super 4511
Product code:	A5710
Recommended use:	For prevention and control of frothy bloat in cattle by trough or drench treatment.
Company details:	Merial Ancare
Address:	Level 3, Merial Building Osterley Way Manukau City New Zealand
Telephone number:	Phone: +64 9 980 1600 Fax: +64 9 980 1601
Emergency telephone number:	Merial Ancare Freephone: 0800 800 822 National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
Date of preparation:	17 September 2007

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Liquid containing C10-16 alcohol ethoxylates

Product components:

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Nonyl phenol polyethylene glycol ether (NPE)	127087-87-0	10-30%w/v
Block copolymer of polyoxyethylene and polyoxypropylene (surfactant)	}9003-11-6 }	10-30%w/v
15-A-11 ethoxylated alcohol	68951-67-7	10-30%w/w
Ingredients determined to be non hazardous	-	To volume

SECTION 3: HAZARDS IDENTIFICATION

Hazard classifications:	6.1D, 6.3B, 6.4A, 9.1B, 9.3C
Priority and secondary identifiers:	Harmful – keep out of reach of children Ecotoxic
Risk and safety phrases:	Harmful – may be harmful if swallowed, inhaled or absorbed through the skin. Do not eat, drink or smoke while using. Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Warning – may cause mild skin irritation. Avoid skin contact. Harmful – may cause eye irritation. Avoid contact with eyes. Toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Harmful to terrestrial vertebrates. Apply only as directed.

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	<p>Contact the National Poisons Information Centre for further information: phone 0800 POISON (764 766)</p> <p><u>Eye Contact:</u> Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance.</p> <p><u>Skin Contact:</u> Flush body and clothes with water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.</p> <p><u>Inhalation:</u> Remove patient to fresh air. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.</p> <p><u>Ingestion:</u> Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical assistance immediately.</p> <p><u>Other First Aid:</u> For all routes of exposure immediate dilution is essential.</p>
Workplace facilities:	Facilities storing or utilising this material should be equipped with an eyewash facility.
Required instructions:	N/A
Notes for medical personnel:	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	This material may produce a floating fire hazard.
Fire hazard properties:	Thermal decomposition products may produce toxic vapours including carbon monoxide, carbon dioxide.
Regulatory requirements:	N/A
Extinguishing media and methods:	Water fog, carbon dioxide or dry chemical powder. Cool the containers with water to prevent rupture due to thermal expansion. Contain run-off. Keep non-involved persons away.
Hazchem code:	N/A
Recommended protective clothing:	Wear protective clothing and self contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures:	<p>Wear protective clothing. Clear area of unprotected personnel. Caution – floor surface will be slippery.</p> <p>Contain small spills and absorb with sand, soil or absorbent granules. Sweep up solids without generating dust. Wash down affected area with water plus detergent.</p> <p>For large spills dike and pump as much as possible into a polythene lined salvage drum.</p> <p>Do not allow product or washings to enter the waterways or sewer. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.</p>
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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	An adequate supply of water must be available in storage and handling areas.
Regulatory requirements:	N/A
Handling practices:	N/A
Approved handlers:	Not required
Conditions for safe storage:	Store in original container in a ventilated place away from direct heat. Store away from foodstuffs, children and animals. Keep container sealed when not in use.
Store site requirements:	An adequate supply of water must be available in storage and handling areas.
Packaging:	N/A

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Workplace exposure standards:	No exposure limits have been specifically assigned for this product.
Application in the workplace:	N/A
Exposure standards outside the workplace:	N/A
Engineering controls:	Use in good natural ventilation
Personal protection:	Avoid unnecessary contact. Wash contaminated clothing before storage or reuse. Wash thoroughly after handling and before eating, drinking or smoking
References:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specify product data:	<u>Appearance:</u> Homogenous thick red liquid <u>Solubility in water:</u> Miscible <u>Specific Gravity:</u> 1.045g/mL @ 20°C
Required specifications:	N/A
Further specifications:	N/A
Specific advice:	N/A

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions
Conditions to avoid:	N/A
Material to avoid:	Avoid strong bases, acids and oxidising agents.

Not physically compatible with magnesium sulphate (Epsom salts).

Hazardous decomposition products: N/A

Hazardous polymerization: Will not occur

Specific data: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Data and interpretation: Toxicity:

	<u>NPE</u>	<u>Surfactant</u>
Acute oral LD ₅₀ (rat):	>2000mg/kg	>5000mg/kg

Summaries data: N/A

Effect of Acute Exposure Eye Contact: Will cause severe irritation, experienced as discomfort or pain, excess blinking and tear production, marked excess redness and swelling of the conjunctiva, and chemical burns of the eye (NPE).

Skin Contact: Irritating (15-A-11). Prolonged or repeated contact may cause discomfort and local redness (NPE). Repeated overexposure may cause dermatitis.

Inhalation: Aspiration into the lungs may occur during ingestion or vomiting, resulting in lung injury.

Ingestion: May cause abdominal discomfort, nausea, vomiting and diarrhoea (NPE).

Other Health Effects: Overexposure may aggravate existing medical conditions.

Effect of Chronic Exposure No further data available.

SECTION 12: ENVIRONMENTAL INFORMATION

Potential environmental interactions: Toxic to fish. Do not contaminate drains or any water supply with product.

Data organisation : N/A

Environmental risk and safety phrases: Environmentally hazardous substance, Liquid, N.O.S.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal information : Product Disposal: To avoid disposal all attempts should be made to utilise the product completely in accordance with its registered use.

Prevent the product from entering natural water sources.

Container Disposal: Burn empty container if wind direction permits, otherwise crush and bury in a suitable landfill.

SECTION 14: TRANSPORT INFORMATION

Relevant information: DG Class 9 for road transport
UN 3082
Maximum Transport Quantity: 250 L
Tracking not required

Other requirements: N/A

SECTION 15: REGULATORY INFORMATION

Regulatory status: Registered pursuant to the ACVM Act 1997, No. A5710. See www.nzfsa.govt.nz/acvm for registration conditions.
Approved pursuant to the HSNO Act 1996, Approval Code HSR002004. See www.ermanz.govt.nz for approval conditions.

HSNO and ACVM controls: Refer to Section 3

List exposure limits: No exposure limits have been specifically assigned for this product.

SECTION 16: OTHER INFORMATION

Additional information: For product information visit the Merial website www.merial.co.nz
While the information set forth is believed to be accurate as of the date hereof, MERIAL NZ LTD. makes no warranty with respect hereto and disclaims all liability from reliance thereon.