



SDS NO: Promonensin 60

Revision date: 06.06.2024

Version No: 2.1

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Section 1 – Identification of the substance/preparation and the company

Product Name: DONAGHYS PROMONENSIN 60
Company: Donaghys Ltd
Address: 16 Sheffield Crescent
PO Box 20 449
Christchurch
APMXXXX
Manufacturer Product Code:
Telephone Number: 0800 942 006
Recommended Use: For the increased milk solids production in dairy cattle. As an aid of ketosis, and an aid in the reduction of bloat in cattle.

Section 2 – Hazard Identification**Hazard Classes:**

Acute oral toxicity Category 4
Skin sensitisation Category 1
Serious eye damage Category 1
Hazardous to soil organisms
Hazardous to terrestrial vertebrates

Hazard Statements:

Fatal if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
Toxic to aquatic life.
Harmful to the soil environment.
Very toxic to terrestrial vertebrates.

Prevention Statements:

Keep out of reach of children.
Read label before use.
Wash hands thoroughly after handling.
Do not eat, drink or smoke while using this product.
Avoid breathing dust/fumes/gas/mist/vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves.
Wear protective eye / face protection.
Avoid release into the environment.

Signal Word: Danger
EPA NZ Approval Code: HSR002315

Section 3 – Composition Information

Chemical Entity	CAS No.	Content [%]
Monensin sodium	22373-78-0	6.3%
Other ingredients, including solvents and surfactants	Trade Secret	>90%

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Section 4 – First Aid Measures

- If Swallowed:** NEVER give anything by mouth to an unconscious person. Do not induce vomiting. Immediately call a POISON CENTRE or doctor/physician.
- If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so, continue rinsing. Immediately call a POISON CENTRE or doctor / physician.
- If on skin:** Wash with plenty of soap and water. Wash contaminated clothing before re-use. If irritation persists call a POISON CENTRE or doctor/physician.
- If inhaled:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, immediately call a POISON CENTRE or doctor / physician.
- Advice to Doctor:** Treat symptomatically.

POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)

Section 5 – Fire-fighting Measures

- Flashpoint:** N/A
- Combustion Products:** Fire decomposition products may be toxic if inhaled.
- Flammability Limits:** N/A
- Protective Equipment:** Breathing apparatus, face shield or protective goggles, and neoprene rubber gloves and boots.
- Extinguishing Media:** Sprayed water jet, foam, dry chemical powder, CO₂ and sand
- Special Fire Fighting Methods:** Do not allow water to enter drains.

Section 6 – Accidental Release Measures

- Spills and Disposal:**
- MAJOR SPILLS**
Slippery when spilt. Minor hazard.
- 1: Clear area of personnel.
 - 2: Alert Fire Brigade and tell them location and nature of hazard.
 - 3: Control personal contact by using protective equipment as required.
 - 4: Prevent spillage from entering drains or waterways.
 - 5: Contain spill with sand, earth or vermiculite.
 - 6: Collect recoverable product into labelled containers for recycling.
 - 7: Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.
 - 8: Wash area and absorb further with inert material. Prevent runoff into drains or waterways.
 - 9: If contamination of drains or waterways occurs, advise emergency services.
- MINOR SPILLS**
Slippery when spilt.
- 1: Clean up all spills immediately.
 - 2: Avoid breathing vapours and contact with skin and eyes.
 - 3: Control personal contact by using protective equipment.
 - 4: Contain and absorb spill with sand, earth, inert material or vermiculite.
 - 5: Wipe up.
 - 6: Place in a suitable labelled container for waste disposal.

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Section 6 – Accidental Release Measures (cont.)

Spills and disposal (continued)	Disposal: 1: Recycle wherever possible or consult manufacturer for recycling options. 2: Consult State Land Waste Management Authority for disposal. 3: Treat and neutralise with slaked lime at an effluent treatment plant. 4: Recycle containers; otherwise dispose of in an authorised landfill.
Protective Equipment:	Wear neoprene gloves and boots, overalls and face/eye protection.
Environmental Precautions:	Avoid entry into waterways or streams. Prevent washings from entering waterways.

Section 7– Handling and Storage

Storage:	SUITABLE CONTAINER Keep out of reach of children. Protect from direct heat and sunlight. Check all containers are clearly labelled and free from leaks. STORAGE INCOMPATIBILITY May react with strong oxidizing agents. STORAGE REQUIREMENTS 1: Store in original containers. 2: Keep containers securely sealed and locked away to prevent access of unauthorized personel. 3: Store securely below 30°C and in dry place. 4: Store away from incompatible materials and foodstuff containers and sources of ignition. 5: Protect containers against physical damage and check regularly for leaks. 6: Observe storing and handling recommendations on label. 7: This substance is subject to a requirement for a Level 2 emergency management plan, secondary containment and signage, whenever it is held in quantities of 100L or more.
Handling:	Do not handle until all safety instructions have been read and understood. Wear eye protection. Wash hands and exposed skin thoroughly after handling. Avoid release to the environment



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Section 8 – Exposure Controls/Personal Protection

These precautions are suggested for conditions where the potential for exposure to the product exists. Emergency conditions may require additional precautions.

Exposure Limits:	Monensin sodium LEG 15 µg/ m ³ TWA (12h)
Protective Equipment:	Observe good work place practices and avoid contact with skin and eyes. Wear overalls, safety glasses and neoprene gloves when handling. Wear eye / face protection. In case of inadequate ventilation wear respiratory protection.
Hygiene Precautions:	Do not eat, drink or smoke when using this product.
Engineering Controls:	General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.

Section 9 – Physical and Chemical Properties

Appearance:	Viscous liquid
Odour:	Specific odour
Specific Gravity:	1.1-1.4
pH:	5-10
Vapour Pressure:	N/A
Flash Point:	N/A

Section 10 – Stability and Reactivity

Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	None.
Materials to Avoid:	Store only in the container supplied. Use the recommended delivery equipment.
Hazardous Decomposition Products:	None if stored and handled correctly.

Section 11 – Toxicological Information

Acute effects:	Monensin sodium LD50 (Oral-rats) =34mg/kg LD50 (Dermal-rabbits) 24% Monensin sodium mixture =500mg/kg, no death or toxicity
Chronic and long-term	Reproductive/ Development Effects: No effects identified in animal studies. Mutagenicity: Not mutagenic in bacterial cells Carcinogenicity: Not considered carcinogenic in animals.

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Section 12 - Ecological Information

Ecotoxicity effects: **Fish:** LC₅₀/96h/ Rainbow Trout: 9.0 mg/L
Algae: Green algae (*S. capricornutum*) median effective concentration: 0.98 mg/L
Earthworms: LC₅₀/14 days/ Earthworm: >264.2 mg/kg
Birds: LC₅₀/14 day oral/ Bobwhite: 85.7 mg/kg

EPA Classification: Hazardous to aquatic environment chronic Category 4
Hazardous to soil organisms
Hazardous to terrestrial vertebrates

Section 13 – Disposal Considerations

Product Disposal: If possible dispose of by using according to the label, otherwise dispose of in an approved landfill or bury below 50 cm in a disposal pit specifically marked and set up for this purpose clear of waterways.

Container Disposal: Triple rinse container and add residue to feed system. If circumstances, especially wind direction, permit the empty containers may be burned, otherwise crush and bury in a suitable landfill.

Section 14 – Transport Information

Proper Shipping Name: N/A
UN Number: N/A
DG Class: N/A
Subsidiary Risk Class: N/A
Packing Group: III
HAZCHEM Code: N/A

Section 15 – Regulatory Information

EPA NZ Registration Code: HSR002315
See <http://www.epa.govt.nz> for approval conditions

NZFSA Approval Number: A10904
See www.foodsafety.govt.nz for registration conditions

Section 16 – Other Information

The information in this MSDS is provided in good faith, but no warranty, expressed or implied is made. Contact Donaghys Ltd for more information.

EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)

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