



MUSTER POUR-ON LOUSICIDE FOR CATTLE AND SHEEP

Abbey Animal Health Pty Ltd

SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: Unit 27/ 1 Maitland place, Norwest NSW, 2153

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

PRODUCT NAME

MUSTER POUR-ON LOUSICIDE FOR CATTLE AND SHEEP

PRODUCT USE

For the treatment and control of Diflubenzuron susceptible biting and sucking lice in cattle and sheep.

Section 2- Hazards Identification

Statement of Hazardous Nature this product is classified as: Hazardous according to the criteria of SWA.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code criteria when transported by road or rail. Refer to Section 14.

GHS Signal word: **WARNING.**

GHS Classification

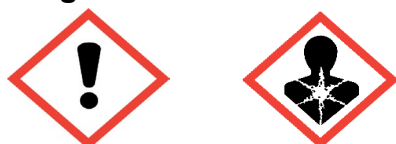
Aspiration Hazard- Category 1

Skin Corrosion/Irritation- Category 2

Serious eye damage/eye irritation- Category 2B

Reproductive Toxicity- Category 1

Pictograms:



HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H320: Causes eye irritation.

First Effective Date: 24th June 2025

H360: May damage fertility or the unborn child.

PREVENTION

P102: Keep out of reach of children.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing dust/fume/ gas/mist/ vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash contacted areas thoroughly after handling.

P271: Use only outdoors or in a well ventilated area.

P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P312: Call a POISON CENTRE or doctor if you feel unwell.

P331: Do not induce vomiting.

P352: Wash with plenty of soap and water.

P362: Take off contaminated clothing and wash before reuse.

P301+P310: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313: If exposed or concerned: Get medical advice.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P405: Store locked up.

P410: Protect from sunlight.

P403+P233: Store in well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Section 3- Composition / Information on Ingredients

Ingredients	CAS number	Conc. (g/L)	TWA (mg/m³)	STEL (mg/m³)
Diflubenzuron	35367-38-5	20	Not set	Not set
N-methyl-2-pyrrolidone	872-50-4	300	Not set	Not set
Non-hazardous ingredients	Secret	Upto 100%	Not set	Not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non- hazardous ingredients are also possible.

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

SAFETY DIRECTIONS

Will irritate eyes and skin. Avoid contact with eyes and skin. When using the product, wear elbow length butyl rubber gloves. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves.

Swallowed: If swallowed, do NOT induce vomiting. Wash mouth with water and contact the Poisons Information Centre Ph. 131 126.

Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

Skin: Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Inhaled: Move individual to fresh air. Seek medical attention if breathing difficulty occurs.

Section 5- Fire Fighting Measures

Fire/Explosion Hazard: C1 Combustible product. No risk of an explosion from this product under normal circumstances if it is involved in fire. Violent steam generation or eruption occur upon application of direct water stream on hot liquids.

Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog.

Firefighting: If a significant quantity of this product is involved in fire, call the fire brigade.

Flammability Class: C1.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective chemically resistant clothing including eye/face protection, gauntlets and self-contained breathing apparatus. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

Stop leak if safe to do so and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable products into labelled containers for recycling or salvage and dispose of promptly.

Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas.

Storage: Store below 30°C (Room Temperature) in the closed, original container in a dry well-ventilated area. Do not store for prolonged periods in direct sunlight.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits

TWA (mg/m³)

STEL (mg/m³)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The ADI for Diflubenzuron is set at 0.02mg/kg/day and NOEL is set at 2 mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, JUNE 2022.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: We suggest that protective clothing be made from the following materials: cotton, rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties

Physical Description & Colour:	Yellow liquid.
Odour:	No data.
Boiling Point:	Not available.
Freezing/Melting Point:	No specific data. Liquid at normal temperatures.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Specific Gravity:	Not available.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	No data.

Section 10 - Stability and Reactivity

Stability: Product is stable under normal conditions of storage.

Reactivity: This product is unlikely to react or decompose under normal storage conditions.

Conditions to avoid: Store in closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatible materials: Strong acids, strong bases, strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas is reducing atmospheres. Hydrogen chloride gas, other compounds of chlorine. Hydrogen fluoride gas and other compounds of fluorine. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgement, and unconsciousness followed by coma and death.

Section 11 - Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label.

ACUTE TOXICITY

Diflubenzuron:

Rat and mice	Oral	LD50	> 4640 mg/kg
Rat	Dermal	LD50	>10,000 mg/kg

First Effective Date: 24th June 2025

CHRONIC TOXICITY

Rats given moderate amounts of Diflubenzuron for 2 years had enlarged spleens, while mice in a similar study had liver and spleen enlargement at slightly lower levels of exposure. In a study with cats fed over a wide range of doses for 21 days, all of the females had dose related blood chemistry changes at low doses and the males exhibited changes at dose levels that were slightly higher. The changes were reversible. The chemistry changes were associated with the formation of methaemoglobin, a form of haemoglobin that is unable to carry oxygen.

REPRODUCTION TOXICITY

Day-old ducks and turkeys fed moderate amounts of Diflubenzuron in their diets for 90 days had decreased testosterone levels after 42 days, but this did not occur in chickens and pheasants in the same study. Combs and wattles, which reflect hormone activity, showed some abnormalities. Some were underdeveloped and others more developed compared to controls. A short-term decrease in testosterone levels was shown in the sexually immature rats but no clear cut change was shown in young bull calves. A three-generation study on rats at low doses showed no effect on mating performance.

Teratogenic effects

Diflubenzuron does not appear to be teratogenic. Newborn rates and rabbits did not develop any birth defects after their mothers were exposed to low levels of Diflubenzuron (1-4 mg/kg/day) on days 6 to 18 of gestation.

Mutagenic effects

Extensive testing on mammalian cells and on bacterial cells shows that Diflubenzuron is not mutagenic.

Carcinogen effects

Rats fed diets containing low to moderate amounts of Diflubenzuron daily for 2 years had no increase in the number of new or abnormal tissue growths or lesions. Mice fed low doses for 80 weeks showed no significant tumour of new or abnormal tissue growths or lesions. Mice fed low doses for 80 weeks showed no significant tumor development. Other studies on both species at higher levels were also negative for malignant tumors. Diflubenzuron does not appear to be carcinogenic.

POTENTIAL HEALTH EFFECTS

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort. Solvents may cause respiratory irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is believed to be mildly irritating, to eyes, but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is toxic, but further symptoms are not available. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 - Ecological Information

Potential Environmental Considerations: No environmental data exists for this product. However, avoid contamination of waterways.

Diflubenzuron

EC50	Oyster larvae	>130 mg/L
	Juveniles	>250 mg/L
LC50	Bluegill Sunfish	> 660 mg/L, 96 Hours
	Rainbow trout	> 240 mg/L, 96 Hours
	Salt water minnow	>255 mg/L, 96 hours
	Channel catfish	>180 mg/L 96 hours

Section 13 - Disposal Considerations

For 1L containers: Dispose of container by wrapping with paper and putting in garbage.

For more than 1L containers: Triple or (preferably) pressure rinse the container and dispose of rinsate in compliance with relevant local, state or territory government. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Section 14 - Transport Information

No specific transport considerations apply since *MUSTER POUR-ON LOUSICIDE FOR CATTLE*

AND SHEEP is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

Section 15 - Regulatory Information

Poisons Schedule: S5

APVMA Approval Number: 89002

Approved pack size: 1L, 5L, 10L, 20L, 24L

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

****Note: This SDS is valid for 5 years from the effective date.***