



MATERIAL SAFETY DATA SHEET

Unlock Pour on

Issue date: August 22, 2021

Review date: August 22, 2024

SECTION 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product name: UNLOCK POUR ON

Recommended Use: Ectoparasiticide.
For the control of lice and prevention of blowfly strike up to 14 weeks on sheep

Company address: Animal Health Direct Ltd
2 Tumu Way, Longlands
Hastings 4175
New Zealand
Phone (06) 873 3611

Emergency Tel. no.: Craig Elstob
Director Agvet NZ Ltd
027 432 3953

Poisons Information Centre: 0800-764-766
Or CHEMCAL 0800-243-622 24hr emergencies only

Transport Emergency 111 Fire and police

- | | | |
|------|-----------------------------|---|
| 1.10 | Product name: | UNLOCK POUR ON |
| 1.11 | Correct shipping name: | UNLOCK POUR ON |
| 1.12 | Other names: | Not applicable |
| 1.13 | ACVM number: | AO11630 |
| 1.14 | Hazchem code: | 3Z |
| 1.15 | Dangerous goods class: | 9 |
| | Sub-risk: | Marine pollutant |
| 1.16 | Poison schedule: | NA |
| 1.17 | Manufacturers product code: | AHD UPO20 & AHD UP05 |
| 1.18 | Use: Ectoparasiticide. | For the control of lice and prevention of blowfly strike up to 14 weeks on sheep. |

SECTION 2: HAZARD IDENTIFICATION

2.1 Hazard classification: 3Z

2.2 Priority Identifiers:

2.2.2 GHS Pictograms:



EPA HSR 100505

2.3 EPA Hazard Classn. 6.1E, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2C, 9.3C, 9.4A

SECTION 3: COMPOSITION INFORMATION

Chemical Entity	CAS Number.	Proportion
*Diflubenzuron	35367-38-5	2%
*Deltamethrin	52918-63-5	1%
Formalin+	50-00-0	<1%
Water, Dispersing, wetting and stabilising agents+		96%

* Active Constituent

+ Confidential manufacturing information

SECTION 4: FIRST AID MEASURES**First aid**

- 4.1 Eyes – Wash with copious amounts of clean water for 15 minutes. Seek medical advice if necessary.
- 4.2 Skin – Wash with soap and water. Remove all contaminated clothing.
- 4.3 Ingestion – Contact a doctor or the Poison Information Centre if adverse effects result. Rinse the mouth with water. Give plenty of water to drink.
- 4.4 Inhalation – Remove from the fumes.
- 4.5 Advice to doctor: See general First Aid advice. Note ingredients and their possible irritant effects. Recommend gastric lavage with medicinal charcoal in water.

SECTION 5: FIRE FIGHTING MEASURES

- 5.1 Thermal decomposition: None known
- 5.2 Hazardous decomposition products: No hazards known
- 5.3 Hazardous reactions: None known
- 5.4 Extinguishing media: N/A.

SECTION 6: ACCIDENTIAL RELEASE MEASURES**6.1 Spills and disposals**

- 6.21 Leave unused material in the original container and dispose of in a regulated landfill, via a licensed waste contractor.
- 6.22 After spillage/leakage: Absorb spills into an inert material (sand, soil, hydrated lime or vermiculite) or another absorbent material (ie. paper towel). Dilute residue by washing with large amounts of water.
- 6.23 Disposal of spillage: Place recovered material in a sealed container and dispose of in a regulated landfill via a licensed waste contractor.

SECTION: 7 HANDLING AND STORAGE

- 7.1 **Handling:** Before use, carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2 Storage:

Store in a cool, well ventilated area. Protect the container from physical damage and direct sunlight.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 Exposure standards / engineering control**

- 8.10 Regulations: This product is subject to the Code for the Transport of Dangerous Goods by Road and Rail
- 8.11 Technical protective measures: No special measures are required. Store below 30°C. Store away from food, drink and animal feedstuffs. Store away from strong sunlight. Use only in well ventilated areas.

8.2 Personal protective measures

- 8.21 Personal protective equipment: Face shield, clothes buttoned to the wrist and neck, elbow length PVC gloves and respiratory protection.
- 8.22 Industrial hygiene: Avoid contact with the skin and eyes. Follow the data sheet instructions. Wash thoroughly after handling. Do not eat, drink or smoke till after washing.

8.3 Flammability

- 3.31 Protection against fire: Not flammable

SECTION 9: PHYSICAL DESCRIPTION / PROPERTIES**9.1 Physical Description / Properties**

1.30	Form:	Aqueous liquid in 5L and 20L HDPE containers
1.31	Colour:	Yellow
1.32	Odour:	Synthetic pyrethroid
1.33	Change in physical state:	Not applicable
1.34	SG:	0.99-1.02
1.35	Vapour pressure:	Low
1.36	Viscosity:	1400-2200Mpa.s
1.37	Solubility in water:	Disperses
1.38	pH Value:	6.0-7.5
1.39	Flash point:	>100°C
1.40	Boiling point:	99°C
1.41	Explosive limits:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1 **Chemical Stability:** N/A

10.2 **Incompatible Materials:** N/A

10.3 **Conditions to avoid:** Must be stored sealed in its original container and away from sunlight. Temperatures >30°C.

SECTION 11: TOXICOLOGICAL INFORMATION**11 Health effects:**

- 11.1 Information on toxicity:
- a) Eyes – Avoid contact with the eyes-may be irritating
 - b) Skin – Avoid contact with the skin.
 - c) Ingestion – Harmful if swallowed.
 - d) Inhalation – Avoid breathing vapour.

SECTION 12: ECOTOXICITY INFORMATION**Information on ecological effects:**

Flora:	No data.
Oral LD ₅₀ (rat):	>4640 mg/kg
Dermal LD ₅₀ (rat):	>10,000 mg/kg
Inhalation LC ₅₀ (rat):	>2.9mg/L/4 hours
Fish:	Toxic
Birds:	No data
Soil:	No data
Water:	Do not allow product to enter wastewater, rivers or creeks.

SECTION 13: DISPOSAL INFORMATION

- 13.1 Leave unused material in the original container and dispose of in a regulated landfill, via a licensed waste contractor.
- 13.2 After Spillage/Leakage: Absorb spills into an inert material (sand, soil, hydrated lime or vermiculite) or another absorbent material (ie. paper towel). Dilute residue by washing with large amounts of water.
- 13.3 Disposal of Spillage: Place recovered material in a sealed container and dispose of in a regulated landfill via a licensed waste contractor.

SECTION 14: TRANSPORT INFORMATION

UN Number:	3082 (Diflubenzuron 20g/L, Deltamethrin 10g/L)
Hazard Class for Shipment by Sea	9.1B, 9.3C
Hazard Class for shipment by Road	9.1B, 9.3C
Hazard Class for shipment by Air	9.1B, 9.3C
Shipping Name:	Environmentally hazardous substance, Liquid, N.O.S.
DG Class:	9 Miscellaneous dangerous good
Packing Group:	111
Sub-risk:	Marine pollutant
Hazchem:	None allocated

SECTION 15: REGULATORY INFORMATION

HSNO Approval No:	HSR 100505
ACVM number:	11630

SECTION 16: Other Information contact point (for non-emergency calls)**6.10 Product safety coordinator:**

Animal Health Direct Ltd
Phone 06 873 3611

DISCLAIMER

The Material Safety Data Sheet has been developed according to EPA New Zealand guidelines. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this Safety Data Sheet is to describe product in terms of their safety requirements.

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