



# MATERIAL SAFETY DATA SHEET

## Unlock Combination

Issue date: August 22, 2021      Review date: August 22, 2024

### **SECTION 1: SUBSTANCE IDENTIFICATION AND SUPPLIER**

Product name: UNLOCK COMBINATION

Recommended Use: Ectoparasiticide. For the control and treatment of lice (*Bovicola ovis*) and prevention of blowfly strike on sheep.

Company identification Address:  
1229 Maraekakaho Road  
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 CHEMCALL 0800-243-622

Transport Emergency 111 Fire and police

- |      |                                     |   |
|------|-------------------------------------|---|
| 1.10 | Product name:                       | UNLOCK COMBINATION  |
| 1.11 | Correct shipping name:              | UNLOCK COMBINATION  |
| 1.12 | Other names:                        | Not applicable  |
| 1.13 | ACVM number:                        | A011637   |
| 1.14 | Hazchem code:                       | 3Z  |
| 1.15 | Dangerous goods class:<br>Sub-risk: | 9<br>Marine pollutant   |
| 1.16 | Poison schedule:                    | NA  |
| 1.17 | Manufacturers product<br>code:      | AHD UCB10 & AHD UCB5  |
| 1.18 | Use:                                | Ectoparasiticide. For the control and treatment of lice ( <i>Bovicola ovis</i> ) and prevention of blowfly strike on sheep. |

**SECTION 2: HAZARD IDENTIFICATION**

2.1 Hazard classification: 3Z

2.2 Priority Identifiers:

2.22 GHS Pictograms:

**SECTION 3: COMPOSITION INFORMATION**

<b>INGREDIENT</b>	<b>CAS Number.</b>	<b>Weight Percent</b>
Chemical Entity	CAS Number.	Proportion
*Diflubenzuron	35367-38-5	10%
*Cyromazine	66215-27-8	25%
Water, Dispersing, wetting and stabilising agents+		96%
* Active Constituent		
+ Confidential manufacturing information		

**SECTION 4: FIRST AID MEASURES****4.1 First aid:**

- Eyes – Wash with copious amounts of clean water. Seek medical advice if necessary.
- Skin – Wash with soap and water. Remove all contaminated clothing.
- Ingestion – Contact a doctor or the Poison Information Centre if adverse effects result. Rinse the mouth with water. Give plenty of water to drink.
- Inhalation – Slightly toxic.

**4.2 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 Fire/Explosion Hazard – Non-flammable

5.2 HAZCHEM Code – 3Z

5.3 ERP Guide No – N/A

5.4 Extinguishing Media – N/A

**SECTION 6: ACCIDENTIAL RELEASE MEASURES**

- 6.1 Leave unused material in the original container and dispose of in a regulated landfill, via a licensed waste contractor.
- 6.2 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.
- 6. 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 **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.
  - 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.

**SECTION 9: PHYSICAL DESCRIPTION / PROPERTIES**

Form:	Liquid in 5L and 20L HDPE containers
Colour:	Light Brown
Odour:	Inodorous nearly
Change in physical state:	Not applicable
SG:	1.05-1.16
Vapour pressure:	Low
Viscosity:	200-600Mpa.s
Solubility in water:	Disperses
pH Value:	8.0-10.0
Flash point:	>100°C
Boiling point:	99°C
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**

11.1. Information on toxicity:

- a) Eyes – Avoid contact with the eyes-may be irritating
- b) Skin – Avoid contact with the skin. (Slightly toxic, not a skin sensitiser)
- c) Ingestion – Harmful if swallowed. (Slightly toxic)
- d) Inhalation – Avoid breathing vapour.

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 **Eco toxicity:** Toxic to aquatic organisms. Harmful to terrestrial vertebrates

12.2 **Mobility:** No information available.

12.3 **Persistence/degradability:** No data of significance to report.

**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)
Hazard Class for Shipment by Sea	9.1B, 9.3C
Hazard Class for shipment by Road	9.1B,9.3C
Proper Shipping Name	Environmentally hazardous substance, Liquid, N. O. S.
Dangerous Goods Class	9
Packing Group	111
Hazchem Code	3Z
Special Precautions	Not Applicable

**SECTION 15: REGULATORY INFORMATION**

ACVM number: A011637

**SECTION 16: OTHER INFORMATION****Information on ecological effects:**

Flora:	No data.
Oral LD <sub>50</sub> (rat):	>4640 mg/kg
Dermal LD <sub>50</sub> (rat):	>2010 mg/kg
Inhalation LC <sub>50</sub> (rat):	>2.5mg/Lair/4 hours
Fish:	Slightly Toxic
Birds:	Slightly Toxic
Soil:	No data
Water:	Do not allow product to enter wastewater, rivers or creeks.

**Emergency Contacts**

AHD Ltd	+64 (06) 873 3611
24 Hour Emergency Response Number (New Zealand)	0800 734 607
Police and Fire Brigade (New Zealand)	111
Poisons & Hazardous Chemical Information Centre (New Zealand)	+64 (0)3 4747 000

**DISCLAIMER**

*The 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.*

*Agvet NZ Ltd makes no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").*

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*The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.*

*Due care should be taken to make sure that the use or disposal of this product is in compliance with relevant Government and Local Government regulations*