

Material Safety Data Sheet

Date of issue: OCTOBER, 2009

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PRODUCT NAME

D-TER ANIMAL & BIRD REPELLENT

COMPANY ADDRESS: LORAC AUSTRALIA PTY. LTD.
62 WASHINGTON DRIVE
BONNET BAY NSW 2226

PH: (02) 9589 0703
EMERGENCY AFTER HOURS
(02) 9589 0703

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. IDENTIFICATION

1.10 Product Name: D-TER ANIMAL & BIRD REPELLENT

1.11 Correct Shipping Name: Aluminium Ammonium Sulphate

1.12 Other Names: Not relevant

1.13 UNNO: None Allocated

1.14 Hazchem Code: None Allocated

1.15 Dangerous Goods Class: None Sub Risk: None Allocated

1.16 Poison Schedule: None Allocated

1.17 Manufacturer's Product Code: 7270

1.18 Use: Animal & Bird Repellent

1.2 Ingredients

1.20 Chemical Entity	CAS NO.	Proportion
Aluminium Ammonium Sulphate	7784-26-1	997.3 g/kg.

1.21 Chemical characterisation:
ALUMINIUM AMMONIUM SULPHATE

$\text{Al} \cdot \text{NH}_4 (\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ Molecular Weight 453.33

Chemical group - ALUMS

1.3 Physical description / Properties

1.30 Form: Powder

1.31 Colour: Cream

1.32 Odour: Dusty odour

1.33 Change in physical state: Not relevant

1.34 Density: 1.6gr/cc.

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- 1.35 Vapour Pressure: Not relevant
- 1.36 Viscosity: Not relevant
- 1.37 Solubility in water: Soluble 98.5% at 20°C.
- 1.38 pH Value: 3.5
- 1.39 Flash point: None
- 1.40 Ignition temperature: Does not ignite
- 1.41 Explosive limits: Non-explosive
- 1.42 Melting point: 94.5°C
- 1.5 Other Properties
- 1.51 Further information:
No further information
2. HEALTH HAZARD INFORMATION
- 2.1 Health Effects
- 2.10 Information on toxicity:
LD50 Oral (ingestion) - rat greater than 5g/kg live bodyweight
LD50 Dermal (skin contact) - rabbit considered to be non-irritant
Eye irritation - rabbit A 20% aqueous dilution gave a negative result.
These data refer to the active ingredient.
Not classified as a poison.
- 2.11 A 1%-4% solution of Aluminium Ammonium Sulphate in water has been prescribed as a mouthwash and gargle.
- Aluminium Ammonium Sulphate is used to cleanse household water supplies.
- 2.20 First Aid:
Ingestion: Keep patient at rest. Seek medical attention for any apparent symptoms.
Skin contact: Wash thoroughly with soap and water.
Eye contact: Flush eyes immediately with plenty of clean water and seek medical attention.
Inhalation: Remove patient from exposure. Seek medical attention for apparent symptoms.

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2.30 Advice to Doctor: Poisoning with this product is unlikely. Use symptomatic or supportive therapy.

3. PRECAUTIONS FOR USE**3.1 Exposure Standards / Engineering Control****3.10 Regulations:**

This product is not subject to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

3.11 Technical Protective Measures:

Store away from food, drink or animal feeding stuffs.

Store in a dry, cool store. Keep away from heat or moisture.

Stable under normal conditions, decomposes at 280°C. Use up each pack before starting the next. Never allow to become damp during storage as this leads to solidification. NEVER store mixed with water because it will crystallise out and be difficult to resolubilise.

3.20 Personal Protective Measures:

Wash hands and exposed skin before meals and after work.

Keep out of reach of children.

Store in original container tightly closed, in a dry, safe place.

Empty container completely and dispose of safely.

Do not re-use container for any purpose whatsoever.

3.3 Flammability: Nil.

3.31 Protection against fire and explosion: Nil. Water of crystallisation is 47.5%

4. MEASURES IN CASE OF ACCIDENTS AND FIRES**4.1 Storage and Transport.****4.11 Classification under the Transportation of Dangerous Goods Code:**

Shipping Name: Aluminium Ammonium Sulphate

Packing Group: None UNNO: None Allocated

DG Class: None Sub Risk: None Hazchem: None

4.12 DG storage/transport in accord with State and Territory regulations. This product is not subject to the requirements of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

4.13 International Transport Codes: Not relevant.

4.2 Spills and Disposals.

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- 4.21 Clean up promptly with scoop or vacuum. Transfer to strong, marked container and dispose of in accordance with Local Authority Regulations. Flush remaining residue with water. Aluminium Ammonium Sulphate is used for cleansing water for household use and will not contaminate sewers. Where dust is generated an approved pesticide respirator, goggles and protective clothing should be worn as a standard precautionary measure.
- 4.3 Fire / Explosion Hazards: None.
- 5.0 OTHER INFORMATION
- 5.1 Other active constituents are Denatonium Benzoate 0.1g/kg.
Sucrose Octa-Acetate 1.5g/kg.
- 5.2 Approved Name: Denatonium Benzoate
Benzyl-diethyl (2:6-xylyl-carbamoyl methyl) ammonium benzoate
Other Names: Bitrex
- 5.3 Approved Name: Sucrose Octa-acetate
Synonym: Octaacetyl sucrose
6. CONTACT POINT (for non-emergency calls)
- 6.10 Telephone Number: (02) 9589 0703

DISCLAIMER

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 Material Safety Data Sheet is to describe product in terms of their safety requirements.

LORAC AUSTRALIA PTY. LTD. make 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").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use of 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 and/or its packaging is in compliance with relevant Federal, State and Local Government regulations.