



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product Identifier D-TER Animal and Bird Repellent

1.1.1 Substances

Substance name Aluminium Ammonium Sulphate
Trade name: **D-TER Animal and Bird Repellent**

APVMA Approval Number 34018

EINECS number 2320553
Pre-registration number: N/A
CAS number 7784-26-1

Relevant identified uses of the substance or mixture and uses advised against:

Formulant for plant protection products
No specific uses advised against

Details of the supplier: Lorac Australia Pty. Ltd
ABN: 85 070 724 471
62 Washington Drive, Bonnet Bay, NSW 2226
Tel: (02) 9589 0703
Fax: (02)9589 0147

Emergency telephone number: (24 Hours)
Australia Only Emergency line – 13 1126

SECTION 2: HAZARD IDENTIFICATION

2.1 **Classification** According to GHS system (Regulation (EC) No 1272/2008)

Hazard classification - under the GHS system the material is not hazardous therefore no classification required

2.2 **Label Elements:**

Pictogram

None required

Signal Word

None required

Hazard Statement: (H-Statement)

None required

Precautionary Statements:

P102 - Keep out of reach of children

P270 - Do not eat, drink or smoke when using this product

P270 - Avoid release to the environment

P314 - Get medical advice/attention if you feel unwell

P101 - If medical advice is needed, have product container or label to hand

P308+P313 - If exposed or concerned: Get medical advice/attention

P307+P11 - If exposed: Call a POISON CENTRE or doctor or physician

Classification according to Directive 1999/45/EC

Hazard Symbols:

None required

R-Phrases:

None required

S-Phrases:

S2 KEEP OUT OF REACH OF CHILDREN

S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS

S20/21 WHEN USING DO NOT EAT, DRINK OR SMOKE

S25 AVOID CONTACT WITH THE EYES

S29/35 DO NOT EMPTY INTO DRAINS, DISPOSE OF THIS MATERIAL AND ITS CONTAINER
IN A SAFE WAY

S45 IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY (show label where possible)

S49 keep only in original container

Other hazards

None

Based on available information, not classified as hazardous according to criteria of Safe Work Australia.
NON-HAZARDOUS SUBSTANCENot classified as Dangerous Goods by the criteria of the Australian Goods Code (ADG Code) for transport by
Road and Rail: NON-DANGEROUS GOODS**Poisons Schedule:** None allocated.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS No	Proportion	Risk Phrases
Aluminium Ammonium Sulphate	7784-26-1	88%	-----
Ingredients determined not to be hazardous	----	To 100%	-----

SECTION 4: FIRST AID MEASURES

Description of first aid measures:**Eyes:** In case of contact, flush eyes with plenty of water for at least 15 minutes or use an eye bath.**Skin:** After contact with skin wash thoroughly with plenty of soap and water. Launder contaminated clothing before reuse..**Ingestion:** Consult a doctor immediately. If medical assistance is not immediately available seek assistance from emergency services.**Most important symptoms and effects, both acute and delayed:**

None

Indication of any immediate medical attention and special treatment needed:

GUIDE TO DOCTOR:

This product contains aluminium ammonium sulphate. Treatment for alum ingestion should be followed ie gastric lavage with care to prevent aspiration. The product is mammalian repellent and patients may exhibit severe distress. There is no known specific antidote and treatment must be supportive and symptomatic

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Contain the fire with sand or earth or use carbon dioxide, water fog, dry powder or alcohol foam extinguishers prior to the arrival of the Fire Brigade. If a fire occurs adequate protective clothing and self-containing breathing apparatus must be worn. Contain contaminated water – avoid flushing to drains/sewers and freshwater ditches/streams.

Flash Point	N/A
Auto ignition temperature	N/A
Polymerisation	Does not occur

Special hazards arising from the substance or mixture:

Hazardous decomposition – thermal oxidative decomposition does not occur at temperatures below 600°C

Advise for firefighters:

Adequate protective clothing and self-containing breathing apparatus must be worn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Restrict access to the area as appropriate until clean up operations are complete.

Environmental precautions:

Prevent material from entering drains or waterways. If drains, streams, soil or sewers become contaminated then notify local authority.

Methods and material for containment and cleaning up:

Spills/Leaks: Contain the spillage with a barrier of earth, sand, sawdust or other similar absorbent material. Sweep up contaminated absorbent material and place in a marked container for disposal by an authorized contractor. Contaminated surfaces may be cleaned using water or a detergent/water mixture. If contamination occurs in a public place or if the product enters a watercourse or sewer the police and water authorities should be informed.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Normal handling: This product is NOT a scheduled poison. Avoid contact with skin, eyes and clothing. Keep out of reach of children and away from food, drink and animal feeding stuffs.

Conditions for safe storage, including any incompatibilities:

Storage Recommendation: Product must be stored in the original labeled container, tightly closed in a safe place under lock and key. The product should be protected from frost.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No occupational exposure limit values have been assigned for the substances in this mixture.

Appropriate Engineering Control: Ensure that eye wash stations and safety showers are proximal to the work station location.

Individual Protection Measures: Primary exposure route – ingestion
Symptoms – unpleasant acidic taste

Suitable protective clothing must be worn when handling the product. All protective clothing, especially the inside of gloves must be washed after use. For further guidance please see Section 2 of this Data Sheet and the product label. Exposure limits not determined.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light yellow/white powder

Odour: Distinct chemical odour

Vapour Pressure : N/A

Vapour Density: N/A

Volatility: N/A

Flammability: Not flammable

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions.

Chemical Stability: The product is stable under normal storage conditions in its original container. It must be protected from frost. See also Section 2 of this data sheet.

Possibility of hazardous reactions: Hazardous polymerisation is not expected to occur.

Conditions to avoid: Avoid oxidizing materials

Incompatible materials: Acidic solution therefore admixture with alkaline materials is not advised
Hazardous decomposition products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

LD 50 / LC 50: Acute Oral, rat: LD50 Rat (male and female) = > 2g / kg;
Acute Dermal LD50 Rat (male and female) = >2g / kg.
Dermal Irritation Rabbit – not irritant
Eye Irritation Rabbit – slight irritant (unclassified)
Chronic Toxicity – no adverse effects reported

Potential chronic health effects

Carcinogenicity: No adverse effects reported
Mutagenicity: No adverse effects reported
Reproductive toxicity: No adverse effects reported

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

SECTION 12: ECOLOGICAL INFORMATION

Aluminium ammonium sulphate is of low environmental toxicity. It is subject to degradation and does not demonstrate bio-accumulation

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Disposal: Dispose of unwanted product and empty packaging as directed on the label and in accordance with local regulations. Do not use container for any other purpose.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air: NON-DANGEROUS GOODS

SECTION 15: REGULATORY INFORMATION

National, State, European & International Regulations

Classification: Based on available information, not classified as hazardous according to criteria of Safe Work, Australia: NON-HAZARDOUS SUBSTANCE

Classification and labeling according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.

Intended Use: Agricultural, horticultural, forestry and industrial repellent

Poisons Schedule: Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): NOT SCHEDULED

Registered in Australia by the Australian Pesticide & Veterinary Medicines Authority (APVMA).

APVMA Approval N0 34018

Hazard/Risk Phrases:
NONE

Hazard Statements:
NONE

Precautionary/Safety Phrases:

Precautionary Statements:

P102 - Keep out of reach of children
P270 - Do not eat, drink or smoke when using this product
P273 - Avoid release to the environment
P314 - Get medical advice/attention if you feel unwell
P101 - If medical advice is needed, have product container or label to hand
P308+P313 - If exposed or concerned: Get medical advice/attention
P310 - Immediately call a POISON CENTRE or doctor/physician
P307+P11 - If exposed: Call a POISON CENTRE of doctor or physician
P301+P310 - If exposed: Immediately call a POISON Centre or doctor/physician
P309+P311 - If exposed of if you feel unwell: Call a POISON CENTRE or doctor/physician
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician

Safety phrases:

S2 KEEP OUT OF REACH OF CHILDREN
S13 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS
S20/21 WHEN USING DO NOT EAT, DRINK OR SMOKE
S29/35 DO NOT EMPTY INTO DRAINS, DISPOSE OF THIS MATERIAL AND ITS CONTAINER IN A SAFE WAY
S45 IF YOU FEEL UNWELL SEEK MEDICAL ADVICE IMMEDIATELY (show label where possible)
S49 keep only in original container

SECTION 16: OTHER INFORMATION

For use only in accordance with product label recommendations.

This data was accurate to the best of our knowledge at the time of printing of this information but in case of accidental poisoning seek further advice from the National Poisons Information
Emergency telephone number: (24 Hours) Australia Only Emergency line – 13 1126

ALWAYS READ THE LABEL. USE PESTICIDES SAFELY.

Composed by: LORAC Australia Pty. Ltd
Date of Issue : 12th February 2015
Reason for modification Five year primary update to include the GHS classification system which has to be implemented by 31 December 2016.

Trademark Information: D-TER™ is a registered Trademark

DISCLAIMER

This SDS summarises to our best knowledge at the date of issue the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Lorac Australia Pty. Ltd cannot anticipate or control the conditions under which the product may be used each user, prior to usage, must assess and control the risks arising from the intended use of the material.

Information contained in this Safety Data Sheet is believed to be reliable but no representation; guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the user / distributor to ensure that the information contained in the material safety data sheet is relevant to the product manufactured / handled or sold by him as the case may be. There would be no warranties expressed or implied in the respect of the adequacy of this document for any particular purpose