

## SAFETY DATA SHEET

### AMMONIUM OXALATE AR/AS

---

#### 1. Identification of the substance/preparation and of the company or firm

- 1.1 Identification of the substance or preparation:  
Catalogue no. : KA51  
Product name : Ammonium Oxalate AR/ACS  
Synonym: di-Ammonium Oxalate 1-hydrate
- 1.2 Use of the substance/preparation: For laboratory utilisation, analysis, research and fine chemistry.
- 1.3 Identification of the company or firm: Elago Enterprises Pty Ltd, 5 The Cloisters, Cherrybrook, N.S.W. 2126, Australia  
Tel no. (61) 2 98998169  
Fax no. (61) 2 98997976
- 1.4 Emergency telephone: (61) 2 98998169 (9:00am - 5:00 pm) [ Office hours ]
- 

#### 2. Identification of dangers

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)  
Health hazards : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302  
Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4) H312  
Classification EC 67/548 or EC 1999/45  
Xn : Harmful.  
R21 : Harmful in contact with skin.  
Signal words : Warning.  
Hazard pictograms



Hazard statements : H302 : Harmful if swallowed.  
H312 : Harmful in contact with skin.

Precautionary statements:  
Prevention: P264 Wash...thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

Response: P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

Disposal considerations: P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

---

#### 3. Composition/information on ingredients

Substance / Preparation: Ammonium Oxalate  
Formular:  $(\text{NH}_4)_2(\text{COO})_2 \cdot \text{H}_2\text{O}$   
CAS No : 6009-70-7  
EC No :214-202-3  
Molecular weight : 142.11

Contains no other components or impurities which will influence the classification of the product.

---

#### 4. First-aid measures

- 4.1 General indications: Never provide drink or induce vomiting in the event of loss of consciousness.
- 4.2 Inhaling: Take the person out into the fresh air.
- 4.3 Contact with the skin: Wash with plenty of water. Remove contaminated clothing.
- 4.4 Eyes: Wash with plenty of water, keeping eyelids open. In the event of irritation, seek medical assistance.
- 4.5 Ingestion: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.
- 

#### 5. Fire-fighting measures

- 5.1 Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- 5.2 Unsuitable extinguishing media : Do not use a heavy water stream.
- 5.3 Surrounding fires : Use water spray or fog for cooling exposed containers.
- 5.4 Hazardous combustion products : Under fire conditions, hazardous fumes will be present.
- 5.5 Protection against fire : Do not enter fire area without proper protective equipment.
-

## 6. Accidental release measures

- 6.1 Individual precautions: Do not inhale the dust.
  - 6.2 Precautions for care of the environment: Do not allow it to enter the drainage system. Avoid pollution of the soil, water supplies and drains.
  - 6.3 Methods for collection/cleaning: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- 

## 7. Handling and storage

- 7.1 Handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
  - 7.2 Storage: Well sealed containers. Dry atmosphere. Room temperature.
- 

## 8. Exposure controls/personal protection

- 8.1 Technical protective measures: No special indications.
  - 8.2 Respiratory protection: If dust forms, use suitable respiratory protection.
  - 8.3 Hand protection: Use suitable gloves.
  - 8.4 Eye protection: Use safety glasses.
  - 8.5 Individual hygiene measures: Remove contaminated clothing. Use suitable work clothing. Wash hands and face before breaks and when the job is done.
- 

## 9. Physical and chemical properties

Appearance:	Solid.
Colour:	White
Odour:	Odourless.
pH value:	6.3
Melting Point:	133 °C
Boiling Point:	No data available.
Flash point:	No data available.
Flammability (solid, gas) :	No data available.
Evaporation rate :	No data available.
Vapour pressure (20°C):	No data available.
Vapour density :	No data available.
Solubility:	45 g/l in water at 20 °C
Density:	No data available.
Relative density, gas (air=1) :	No data available.
Partition coefficient:	n-octanol/water: No data available.
Viscosity:	No data available.

---

## 10. Stability and reactivity

- 10.1 Conditions which should be avoided: High temperatures.
  - 10.2 Incompatible materials: Strong acids. Strong bases.
  - 10.3 Hazardous decomposition products: Carbon monoxide. Ammonia. Carbon dioxide.
  - 10.4 Chemical stability: Stable under recommended storage conditions.
- 

## 11. Toxicological information

11.1	Acute toxicity:	No data available.
11.2	Dangerous effects for health:	
	Ingestion:	Harmful if swallowed.
	Inhalation:	Based on available data, the classification criteria are not met.
	Dermal:	Harmful in contact with skin.
	Irritation:	Based on available data, the classification criteria are not met.
	Carcinogenicity:	Based on available data, the classification criteria are not met.
	Corrosion:	Based on available data, the classification criteria are not met.
	Mutagenicity:	Based on available data, the classification criteria are not met.
	Toxic for reproduction:	Based on available data, the classification criteria are not met.
	Sensitization:	Based on available data, the classification criteria are not met.

---

## 12. Ecological information

12.1	Toxicity:	Not established.
12.2	Persistence and Degradability:	Biodegradable.
12.3	Bioaccumulative potential:	Not established.
12.4	Mobility in soil:	Not established.

12.5 Assessment PBT and MPMB: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6 Other possible effects on the environment: Avoid release to the environment.

---

### 13. Disposal considerations

Disposal considerations: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions : Handle empty containers with care because residual vapours are flammable.

---

### 14. Transport information

14.1 Overland (ADR): Not regulated.

Technical name: TOXIC SOLID, ORGANIC, N.O.S.

UN 2811 Class: 6.1 Packaging group: III ( E)

14.2 By sea (IMDG): Not regulated.

Technical name: TOXIC SOLID, ORGANIC, N.O.S.

UN 2811 Class: 6.1 Packaging group: III

14.3 By air (ICAI-IATA): Not regulated.

Technical name: Toxic solid, organic, n.o.s.

UN 2811 Class: 6.1 Packaging group: III

Packaging instructions: CAO 677 PAX 670

---

### 15. Regulatory information

5.1 Regulatory Information: Ensure all national/local regulations are observed.

5.2 Poisons Schedule: Not Scheduled.

---

### 16. Other Information

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative

Sources of key data used: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Review number and date: v.1.1

Date published: 15-Sep-2011

Further information : None.

---

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable