

SAFETY DATA SHEET

BARIUM SULPHATE AR

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

1.1 Identification of the substance or preparation:

Catalogue no. : KA264

Product name : BARIUM SULPHATE AR

Synonym: Barium Sulphate

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

Classification of the substance or the mixture.

No hazardous substance as specified in Regulation (CE) 1272/2008.

No hazardous substance as specified in Classification (67/548/CEE or 1999/45/CE).

3. Composition/information on ingredients

Substance / Preparation: BARIUM SULPHATE AR 97%

Formular: BaSO₄

CAS No : 7727-43-7

EC No : 231-784-4

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

4. First-aid measures

4.1 Inhaling:

Assure fresh air breathing. Allow the victim to rest

4.2 Contact with the skin:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

4.4 Eyes:

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist

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.

6. Accidental release measures

6.1 Individual precautions: Use personal protective equipment as required.

6.2 Precautions for care of the environment: Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3 Methods for collection/cleaning: On land, sweep or shovel into suitable containers. Minimize generation of dust. 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: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

8. Exposure controls/personal protection

8.1 Exposure limit control: No special indications..

8.2 Respiratory protection: Wear approved mask.

8.3 Hand protection: Use suitable gloves.

8.4 Eye protection: Use safety glasses.

9. Physical and chemical properties

Appearance:	Solid.
Colour:	White powder.
Odour:	No data available.
pH value:	No data available.
Melting Point:	1,580 °C
Boiling Point:	No data available.
Flash point:	No data available.
Flammability (solid, gas) :	No data available.
Evaporation rate :	No data available.
Vapour pressure:	No data available.
Vapour density :	No data available.
Solubility:	Insoluble in water
Density:	4.5
Relative density, liquid (water=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: Direct sunlight. Extremely high or low temperatures.
- 10.2 Incompatible materials: Strong oxidant agents. Strong acids. Strong bases.
- 10.3 Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.
- 10.4 Chemical stability: Stable under recommended storage conditions.

11. Toxicological information

- 11.1 Acute toxicity: Based on available data, the classification criteria are not met.
- 11.2 Dangerous effects for health:
- Ingestion: Based on available data, the classification criteria are not met.
- Inhalation: Based on available data, the classification criteria are not met.
- Skin: Based on available data, the classification criteria are not met.
- Eye: 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.

14. Transport information

- 14.1 Overland (ADR): Not regulated.
- 14.2 By sea (IMDG): Not regulated.
- 14.3 By air (ICAI-IATA): Not regulated.

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
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Further information : None.

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

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