

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

ALUMINIUM POTASSIUM BIS(SULPHATE)

Version 1.0

Print Date 2012/08/14

Revision Date 2012/08/14

MSDS code: MAAE586

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : ALUMINIUM POTASSIUM BIS(SULPHATE)
Substance name : Aluminium potassium bis(sulphate)
CAS-No. : 10043-67-1
EC-No. : 233-141-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.

Uses advised against : At this moment we have not identified any uses advised against

1.3. Details of the supplier of the safety data sheet

Company : Brenntag UK & Ireland
Albion House, Rawdon Park
GB LS19 7XX Leeds Yeadon
Telephone : +44 (0) 113 3879 200
Telefax : +44 (0) 113 3879 280
E-mail address : msds@brenntag.co.uk

1.4. Emergency telephone number

Emergency telephone number : Emergency only telephone number (open 24 hours):
+44 (0) 1865 407333 (N.C.E.C. Culham)

2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not a dangerous substance according to GHS.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

1999/45/EC
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

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Most important adverse effects

- Human Health : See section 11 for toxicological information.
- Physical and chemical hazards : See section 9 for physicochemical information.
- Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Not a dangerous substance according to GHS.

Additional Labelling:

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:100 %

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment:100 %

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

3. Composition/information on ingredients

3.1. Substances

Aluminium potassium bis(sulphate)

CAS-No. : 10043-67-1
EC-No. : 233-141-3

<= 100

4. First aid measures

4.1. Description of first aid measures

If inhaled : Move to fresh air. Obtain medical attention.

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In case of skin contact : Wash off with soap and water. Take off contaminated clothing and shoes immediately. Obtain medical attention.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids. Remove contact lenses. If symptoms persist, call a physician.

If swallowed : Rinse mouth. Never give anything by mouth to an unconscious person. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.
No further information available.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂), Dry chemical, Sand

Unsuitable extinguishing media : No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : Heating or fire can release toxic gas.

5.3. Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.

Further information : No further information available.

6. Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : For personal protection see section 8.

6.2. Environmental precautions

Environmental precautions : Should not be released into the environment.
Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Stop the leakage if it can be done without danger. Shovel into suitable container for disposal. Avoid dust formation. See also section 13: Disposal Considerations.

6.4. Reference to other sections

For personal protection see section 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid dust formation. Do not breathe dust.

Hygiene measures : Smoking, eating and drinking should be prohibited in the application area.
Contaminated work clothing should not be allowed out of the workplace.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feedingstuffs.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed and dry. Keep in a well-ventilated place.

7.3. Specific end use(s)

Specific use(s) : No information available.

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8. Exposure controls/personal protection

8.1. Control parameters

Component: Aluminium potassium bis(sulphate)	CAS-No.
	10043-67-1

Other Occupational Exposure Limit Values

EH40 WEL, Time Weighted Average (TWA):
2 mg/m³

8.2. Exposure controls

Personal protective equipment

Respiratory protection

Advice : Suitable respiratory protective device

Hand protection

Advice : Wear suitable gloves.

Eye protection

Advice : Tightly fitting safety goggles

Skin and body protection

Advice : Wear personal protective equipment.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form : powder

Colour : white

Odour : odourless

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Odour Threshold	:	Currently we do not have any information from our supplier about this.
pH	:	3.3
Melting point/range	:	92 °C
Boiling point	:	Currently we do not have any information from our supplier about this.
Flash point	:	Currently we do not have any information from our supplier about this.
Evaporation rate	:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	:	Currently we do not have any information from our supplier about this.
Upper explosion limit	:	Currently we do not have any information from our supplier about this.
Lower explosion limit	:	Currently we do not have any information from our supplier about this.
Vapour pressure	:	Currently we do not have any information from our supplier about this.
Relative vapor density	:	Currently we do not have any information from our supplier about this.
Relative density	:	1.75
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	Currently we do not have any information from our supplier about this.
Ignition temperature	:	Currently we do not have any information from our supplier about this.
Thermal decomposition	:	Currently we do not have any information from our supplier about this.
Viscosity, dynamic	:	Currently we do not have any information from our supplier about this.

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Explosivity : Currently we do not have any information from our supplier about this.

Oxidizing properties : Currently we do not have any information from our supplier about this.

9.2. Other information

No further information available.

10. Stability and reactivity

10.1. Reactivity

Advice : No information available.

10.2. Chemical stability

Advice : No decomposition if stored and applied as directed.
No further information available.

10.3. Possibility of hazardous reactions

Hazardous reactions : No information available.

10.4. Conditions to avoid

Conditions to avoid : No information available.

10.5. Incompatible materials

Materials to avoid : alkaline substances, Bases

10.6. Hazardous decomposition products

Hazardous decomposition products : Sulphur oxides

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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Oral

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Inhalation

irritant effects

Dermal

Currently we do not have any information from our supplier about this.

Irritation

Skin

Prolonged skin contact may cause skin irritation.

Eyes

Dust in the eyes may cause mechanical irritation.

Sensitisation

Currently we do not have any information from our supplier about this.

CMR effects

CMR Properties

Carcinogenicity	:	Currently we do not have any information from our supplier about this.
Mutagenicity	:	Currently we do not have any information from our supplier about this.
Teratogenicity	:	Currently we do not have any information from our supplier about this.
Reproductive toxicity	:	Currently we do not have any information from our supplier about this.

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Specific Target Organ Toxicity

Single exposure

Currently we do not have any information from our supplier about this.

Repeated exposure

Currently we do not have any information from our supplier about this.

Aspiration toxicity

Currently we do not have any information from our supplier about this.

Further information

Experience with human exposure : Frequent inhalation of dust through long time may cause respiratory disorders.

12. Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Additional ecological information

Result : no data available

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13. Disposal considerations

13.1. Waste treatment methods

- Product : In accordance with local and national regulations.
- Contaminated packaging : Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

14. Transport information

Not dangerous goods for ADR, RID and IMDG.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG : Not applicable.

Further information for transport

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : Only persons, who are thoroughly instructed in the dangerous properties and the necessary safety precautions of the substance, are allowed to work with it.

15.2. Chemical Safety Assessment

Currently we do not have any information from our supplier about this.

16. Other information

|| Indicates updated section.

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text