

ALUMINIUM SULPHATE SOLID

Responsible for distribution:

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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Identification of the product

- Type of product : Pure product .
- Use of product : Several industrial applications .
- Company identification : See heading of Material Safety Data Sheet .
- Emergency phone number : See heading of Material Safety Data Sheet .

2. HAZARD IDENTIFICATION

Irritant (Xi)

- : R41 - Risk of serious damage to eyes.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Name component(s)	Weight %	CAS nr / EINECS nr / EC annex nr	Symbol(s)	R-Phrase(s)
Aluminium sulphate 14-hydrate		17927-65-0 / 233-135-0 / ---- / ----	Xi	41
Limit value (Belgium)		: 2 mg Al/m ³ (2007)		

The full text of the R-phrases is in chapter 16.

4. FIRST AID MEASURES

General

- : In case of doubt or persistent symptoms, call a physician.
Never give anything by mouth to an unconscious person.

First Aid Measures

- Inhalation
 - : Remove victim into fresh air.
Allow the affected person to rest.
If not breathing, give artificial respiration.
Consult a doctor.
- Skin Contact
 - : Remove contaminated clothing.
Rinse skin immediately with plenty of water. (shower if necessary).
Consult doctor if irritation develops.
- Eye Contact
 - : Rinse immediately thoroughly and long (at least 15 min.) with plenty of water.
Remove contact lenses.
Consult eye doctor.
Do not use a neutralisation agent.
- Ingestion
 - : DO NOT INDUCE VOMITING. Rinse mouth with water.
Give victim plenty of water to drink.
Consult medical advice

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5. FIRE-FIGHTING MEASURES (continued)

- Special Exposure Hazards : Fire may liberate Carbon oxides (CO) and Sulfur oxides.
- Special Protective Equipment for Firefighters : Use self-contained breathing apparatus when in close proximity to fire.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Evacuate all personnel immediately and ventilate area.
Avoid breathing the product and contact with eyes and skin.
Wear recommended personal protective equipment. (See chapter 8).
- Environmental Precautions : Prevent entry of product in public water, sewers or public waters.
Notify authorities if product enters sewers or public waters.
- Methods for Cleaning Up : Collect the spillage in closable, suitable disposal containers.
For the removal of the waste product, see chapter 13.
Residue is to be washed down with plenty of water.

7. HANDLING AND STORAGE

Handling

- : Ventilate area. Avoid dust creation.
Avoid breathing the product and contact with eyes and skin.
Wear recommended personal protective equipment. (See chapter 8).
- Storage : Keep only in the original, safely locked container in a cool, well ventilated and dry place.
Keep away from : Bases , Metals .

8. MEASURES EXPOSURE CONTROL / PERSONAL PROTECTION

- Engineering Measures : Ventilate area.
- Industrial Hygiene : When using, do not eat, drink or smoke.
- Occupational Exposure Limits : See chapter 3.
- Personal Protection Equipment
 - Respiratory Protection : Ventilation , Local exhaust , Respiratory protection equipment (Filter type P2).
 - Hand Protection : Gloves (PVC, ...)
 - Eye Protection : Chemical goggles .
 - Skin and Body Protection : Suitable protective clothing .

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical State (20°C) : Solid .
- Form/Colour : White .
- Odour : Odourless.
- pH value : app. 3
- Boiling Point/Range (1013 hPa) : No data available.
- Congrealing/Melting point : > 650 °C (Decomposes)
- Flash point : Not applicable.
- Explosion limits in air : Not applicable.
- Solubility in water : Good solubility.