

64100 - Potash Alum

Revised edition: 06.01.2011

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the Product

Product Name: Potash Alum
Article No.: 64100
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Hazard designation: Product is not considered to be hazardous according to EC Guideline 1999/45/EEC.
GHS Classification: No need for classification according to GHS criteria for this product.

3. Composition/Information on Ingredients

Chemical Characterization: Potassium aluminium sulfate (dodecahydrate) 100 %
CAS 7784-24-9

4. First Aid Measures

After inhalation: Take affected person to fresh air and seek medical advice in case of complaints.
After skin contact: Wash off immediately with plenty of soap and water and rinse thoroughly.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes.
After ingestion: Rinse mouth thoroughly with plenty of water and drink plenty of water. Consult physician.
Do not induce vomiting.
Information for physician: Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media: Use extinguishing media for surrounding fire.
Product itself does not burn.
Protective equipment: Use self-containing breathing apparatus.
Further information: Do not inhale explosion and fire gases.

6. Accidental Release Measures

Personal precautions: Avoid dust formation. Do not inhale dust.
Avoid contact with eyes and skin.
Environmental precautions: Do not discharge into drains, surface or ground water.
Methods of cleaning/absorption: Take up mechanically and collect in suitable container for disposal.
Avoid dust formation.

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7. Handling and Storage

Handling

Instructions on safe handling: Avoid formation and deposition of dust. Provide adequate ventilation.

Information on fire and explosion protection: Product is not combustible.

Precautionary measures in reference to the general rules concerning fire prevention.

Storage

Storage conditions: Store in tightly sealed containers in a dry and cool room.

Storage class (VCI): 10-13

8. Exposure Controls/Personal Protection

Additional information about design of technical systems: Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

General protective measures: Do not inhale vapor/dust.
Avoid contact with eyes and skin.
Remove contaminated clothing immediately.
Do not eat, drink or smoke during work.

Respiratory protection: Required in case of insufficient ventilation.

Hand protection: Protective gloves (EN 388).

Eye protection: Safety glasses

9. Physical and Chemical Properties

Form: crystalline
Color: white
Odor: odorless
Melting temperature: 90°C
Flash point: not applicable
Bulk density: ca. 1000 kg/m³
Solubility in water: ca. 105 g/l (20°C)
pH-Value: 3 - 3.5 (100 g/l; 20°C)

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided: Avoid high temperature.

Hazardous reactions: Unknown.

Hazardous decomposition products: Sulphur oxides (SO_x).

11. Toxicological Information

Further toxicological effects: No quantitative toxicological data available for this product.

12. Ecological Information

Further ecological effects: There are no data available on the product itself.

Further information

Water hazard class: 1
Do not let product contaminate ground water, waterways or sewage system.

13. Disposal Considerations

Product: Dispose of according to official national and local regulations.

Uncleaned packaging: Clean packaging material can be recycled.
Dispose according to product.

14. Transport Information

Further information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Designation according to EC Guidelines: The material is not subject to classification according to EC lists.

Water hazard class: 1, slightly hazardous for water (self-assessment)

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.