

**MATERIAL SAFETY DATA SHEET****Product Name:** Aluminum potassium sulfate dodecahydrate**CAS No.:** 7784-24-9**Version:** 0**1. Identification**

**Product Code** : 90106, 90314  
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**2. Hazards Identification**

**Hazard classification** : Not classified  
**Label elements**  
**Hazard symbol** : No symbol  
**Signal word** : No signal word.  
**Hazard statement** : Not applicable.  
**Precautionary statement** : Not applicable.  
**Other hazards which do not result in GHS classification** : None.

**3. Composition/Information on Ingredients**

<b>Ingredient</b>	<b>CAS No</b>	<b>Percent</b>
Aluminum potassium sulfate dodecahydrate	7784-24-9	NLT 99.5%

**4. First Aid Measures**

**Description of first aid measures**  
**General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.  
**Inhalation** : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.  
**Skin contact** : Wash off with soap and plenty of water. Consult a physician.  
**Eye contact** : Flush eyes with water as a precaution.  
**Swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.  
**Most important symptoms and effects, both acute and delayed** : Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been

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**Indication of any immediate medical attention and special treatment needed Treatment** : thoroughly investigated.  
: No data available

**5. Fire fighting measures****Extinguishing media**

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Special hazards arising from the substance or mixture** : Sulphur oxides, Potassium oxides, Aluminum oxide

**Advice for firefighters** : Wear self contained breathing apparatus for fire fighting if necessary

**Further information** : No data available

**6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures** : Avoid dust formation. Avoid breathing vapours, mist or gas.

**Environmental precautions** : Do not let product enter drains.

**Methods and materials for containment and cleaning up** : Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections** : For disposal see section 13.

**7. Handling and Storage**

**Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s)** : No data available

**MATERIAL SAFETY DATA SHEET****Product Name:** Aluminum potassium sulfate dodecahydrate**CAS No.:** 7784-24-9**Version:** 0**8. Exposure Controls Personal Protection****Control parameters****Components with workplace control parameters****Exposure controls****Appropriate engineering controls** : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.**Personal protective equipment****Eye/face protection** : Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).**Skin Protection Hand protection**: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.  
Wash and dry hands.**Body Protection**

: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

: Respiratory protection is not required

**9. Physical and Chemical Properties****Appearance** : Colourless crystals.**Odor** : No data available**pH** : 3.3 at 94.88 g/l**Melting point/freezing point** : 92 °C - lit.**Initial boiling point and boiling range** : No data available**Flash Point** : Not applicable.**Vapor pressure** : No data available**Vapor density** : No data available**Relative density** : 1.757 g/mL at 25 °C**Solubility in water** : No data available**Solubility (other)** : No data available**Formula** :  $\text{Alk}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ **Molecular Weight** : 474.39 g/mol**10. Stability and Reactivity**

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**Reactivity** : No data available  
**Chemical stability** : Stable under recommended storage conditions.  
**Possibility of hazardous reactions** : No data available  
**Conditions to avoid** : No data available  
**Incompatible materials** : Strong oxidizing agents  
**Hazardous decomposition products** : Other decomposition products - No data available

**11. Toxicological Information****Information on toxicological effects**

**Acute toxicity** : No data available  
**Skin corrosion/irritation** : No data available  
**Serious eye damage/eye irritation** : No data available  
**Respiratory or skin sensitization** : No data available  
**Germ cell mutagenicity** : No data available  
**Carcinogenicity** : IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
**Reproductive toxicity** : Developmental Toxicity - rat - Oral  
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).  
**Specific target organ toxicity - single exposure** : No data available  
**Specific target organ toxicity - repeated exposure** : No data available  
**Aspiration hazard** : No data available

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**Toxicity** : No data available.  
**Persistence and degradability** : No data available.  
**Bioaccumulative potential** : No data available.  
**Mobility in soil** : No data available.  
**Results of PBT and vPvB assessment** : No data available.  
**Other adverse effects** : No data available

**13. Disposal consideration**

**Disposal instructions** : Dispose of as unused product.  
**Contaminated packaging** : Offer surplus and non-recyclable solutions to a licensed disposal company.

**14. Transport Information**

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>			Not Regulated		
<b>IMDG</b>			Not Regulated		
<b>IATA</b>			Not Regulated		

**15. Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

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