



## POTASSIUM ALUM

Version 2.0

Revision Date 10.12.2010

Print Date 13.12.2010

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name : POTASSIUM ALUM  
Use of the Substance/Mixture : Synthetic tanning agent, Starting product for pharmaceutical active principle, Flocculating agent

Company : OKER-CHEMIE GMBH  
Im Schleeke 77  
38642 Goslar  
Germany

Telephone : +49 (0)53 21 - 7 51-34 15  
E-mail address : infoSDS@hcstarck.com  
Responsible Department : Corporate HSEQ  
Emergency telephone : +49(0)551/19240

### 2. HAZARDS IDENTIFICATION

#### GHS Classification

**No classification**

#### Classification (67/548/EEC, 1999/45/EC)

No classification

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Substance

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification	R-phrase(s)	GHS Classification	Concentration [%]
Aluminium potassium sulfate dodecahydrate	7784-24-9 233-141-3				>= 99

### 4. FIRST AID MEASURES

Inhalation : Remove to fresh air.  
If symptoms persist, call a physician.  
Skin contact : Wash off with soap and water.  
If skin irritation occurs, seek medical advice/attention.  
Eye contact : Rinse with plenty of water.



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Ingestion : If eye irritation persists, consult a specialist.  
: Clean mouth with water and drink afterwards plenty of water.  
: Obtain medical attention.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Extinguishing methods depends upon fire in vicinity poses.  
The product itself does not burn.

Unsuitable extinguishing media : None known.

Specific hazards during fire fighting : sulfuric oxides (SOx) - Toxic, Corrosive

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

Further information : None known.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid formation and deposition of dust.  
Use personal protective equipment.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods for cleaning up : Use mechanical handling equipment.  
Avoid dust formation.  
Fill into labelled, sealable containers.

### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Avoid dust formation.  
Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product.  
Ensure that the occupational exposure limit value/s (OEL) and/or other limit values are complied with.

Advice on protection against fire and explosion : No special precautions required.

#### Storage

Requirements for storage areas and containers : Comply with the directives governing water law

Further information on storage conditions : Store in tightly closed containers in a dry place.



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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Limit Values

Aluminium salts, soluble; CAS-No.: 7784-24-9

Basis : EH40 (UK)

#### Threshold limits

TWA : 2 mg/m<sup>3</sup>

STEL : —

Note : —

Aluminium potassium sulfate dodecahydrate; CAS-No.: 7784-24-9

Basis : 2006/15/EC

Note : No limit value established.

#### Personal protective equipment

Respiratory protection : Respiratory protective device with particle filter EN 143

Hand protection : Butyl-rubber, Natural rubber, Nitrile rubber  
The data about break through time/strength of material is not valid for undissolved solids/dust.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Keep working clothes separately.

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Form : crystalline

Colour : white

Odour : odourless

#### Safety data

pH : 3 - 3,5  
at 100,00 g/l



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20 °C  
Melting point/range : 90 °C  
Bulk density : ca.1.000 kg/m<sup>3</sup>  
Water solubility : ca.105 g/l  
at 20 °C

### 10. STABILITY AND REACTIVITY

Conditions to avoid : None known.  
Materials to avoid : None known.  
Hazardous decomposition products : Sulphur oxides  
Thermal decomposition : >400 °C

### 11. TOXICOLOGICAL INFORMATION

Further information : No toxicology information is available.

### 12. ECOLOGICAL INFORMATION

#### Further information on ecology

Additional ecological information : No information on ecology is available.

### 13. DISPOSAL CONSIDERATIONS

Product : The Federal, regional and local rules and regulations governing disposal must be complied with.  
: This product cannot be classified with disposal identification key acc. to the EU disposal directives as a classification results from the intended utilisation purpose of the consumer

### 14. TRANSPORT INFORMATION

**ADR**  
Not dangerous goods



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**IATA**  
Not dangerous goods

**IMDG**  
Not dangerous goods

### 15. REGULATORY INFORMATION

#### GHS-Labeling

**|| No labelling required**

#### Labelling according to EC Directives

**Directive 67/548/EEC**

No labelling required

#### National legislation

**Major Accident Hazard  
Legislation** : 96/82/EC  
Annex I  
Number: Is not subject to the Seveso II Directive.

### 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.