

**Identification**Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·18H<sub>2</sub>O

M = 666,42 g/mol

CAS [7784-31-8]

EC number: 233-135-0

Taric code: 2833 22 00

**Applications**

manufacturing of lacquers, manufacture of dyes, in pesticide compositions, for water purifying, in pharma industry.

**Specifications**

assay (complexometric, Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>)..... 51,0 - 59,0 %  
Identification sulfates..... passes test  
Identification aluminium..... passes test  
appearance of solution..... passes test

pH (2 %, H<sub>2</sub>O)..... 2,5 - 4,0  
alkali and alkaline earth metals  
.....  
..... max. 0,4 %  
ammonium (NH<sub>4</sub>)..... max. 500 ppm  
iron (Fe)..... max. 100 ppm

**Physical data**

- Appearance: crystals or powder, white or almost white
- Bulk density: ~ 820 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 600 g/l
- Melting point: 92 °C
- pH(20 g/l H<sub>2</sub>O, 20 °C) ~ 2,5 - 4,0

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

H318: Causes serious eye damage.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor / physician.

**Transport/storage**

- 10°C - 30°C