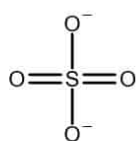
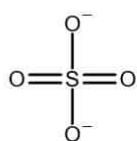


Aluminum potassium sulfate 12 hydrate

99.5% AB 17781-21-01



CAS number: **7784-24-9**

Summary formula: **AlK (SO₄)₂ • 12H₂O**

Molar mass: **474.39 g / mol**



Synonyms: **potassium aluminum sulphate, aluminum potassium alum**

Translation [ENG]: **aluminum potassium sulfate dodecahydrate**

Application: **Potassium aluminum sulphate was used to cure gelatin emulsions by introducing, bathing exposed plates before developing or using in a fixative bath. Mixed with citric or other acid, it has also been used as a cleaning bath to remove developer stains in negatives.**

VARIATIONS

Image				Price	Pack size
H_2O	H_2O	H_2O	H_2O	£75,96 gross £61,76 netto	10 kg
H_2O	H_2O	H_2O	H_2O		
H_2O	H_2O	H_2O	H_2O		
K^+	O^-	O^-	O^-		
$\text{O}=\text{S}=\text{O}$	$\text{O}=\text{S}=\text{O}$	$\text{O}=\text{S}=\text{O}$	$\text{O}=\text{S}=\text{O}$		
O^-	O^-	O^-	O^-		
Al^{3+}					

Image				Price	Pack size
H ₂ O	H ₂ O	H ₂ O	H ₂ O	£180,31 gross £146,59 netto	25 kg
H ₂ O	H ₂ O	H ₂ O	H ₂ O		
H ₂ O	H ₂ O	H ₂ O	H ₂ O		
K^+  Al^{3+}					

PRODUCT DESCRIPTION

Aluminum potassium sulfate 12 hydrate 99.5% AR [7784-24-9]

Aluminum potassium sulfate was used to cure gelatin emulsions by introducing, bathing exposed plates prior to development or use in a fixative bath. Mixed with citric or other acid, it has also been used as a cleaning bath to remove developer stains in negatives.

Density: 1.75 g / cm³ (20 ° C)

Melting point: 92.5 ° C

PH value: 3.0 - 3.5 (100 g / l, H₂O, 20 ° C)

Bulk density: 900 kg / m³

Solubility: 139 g / l

insoluble substance: ≤ 0.005%

PH value (10%; in water): 3.0 - 3.5

Chloride (Cl): ≤ 0.0005%

Heavy metals (as Pb): ≤ 0.001%

Cd (cadmium): ≤ 0.0005%

Cu (copper): ≤ 0.0005%

Fe (iron): ≤ 0.0005%

Na (sodium): ≤ 0.005%

NH₄ (ammonium): ≤ 0.005%

Pb (lead): ≤ 0.0005%

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of

Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)