

## Алюминий гидроксид / Aluminium hydroxide [ChemPure] ChemElements™

**Material number**  
**9009101002025**

**CAS No.** 21645-51-2  
**Tariff No:** 2818 30 00 90  
**Quality:** ChemElements specification



#### Typical properties

Molecular weight: 78,00  
Melting point: 180°C -200°C (decomposes)  
Solubility in water: 0,00015 g/l (20°C)  
Specific gravity: 2,423 g/cm<sup>3</sup>  
Appearance: White powder

#### Specification

1. Assay (Al(OH) <sub>3</sub> ):	≥98
2. Sulfates (SO <sub>4</sub> ):	≤0,005%
3. Chlorides (Cl):	≤0,002%
4. Iron (Fe):	≤0,005%
5. Silicic acid (SiO <sub>2</sub> ):	≤0,05%
6. Sum of Potassium, Sodium, Calcium and Magnesium (K+Na+Ca+Mg):	≤0,2%
7. Lead (Pb):	≤0,002

#### Standard packing

25 kg polypropylene bag (60 g/cm<sup>3</sup>) with polyethylene inliner (50 μm)

#### Available on request

Other customer-specific packing, specification

#### Shelf life

2 years

#### Storage recommendation

Store in a clean, dry warehouse in the original tightly closed packaging

#### Application

- Adsorbent at water purification
- Fire retarder in plastics and other materials
- Abrasive component for toothpaste

#### Certification

FSSC 22000:2013, ISO 9001:2015

# TECHNICAL DATA SHEET

## Hazards Identification

Not a hazardous substance or mixture

## Transport Information

Not dangerous goods

<b>ADR/RID:</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IATA:</b>	Not classified as dangerous in the meaning of transport regulations.
<b>IMDG:</b>	Not classified as dangerous in the meaning of transport regulations.

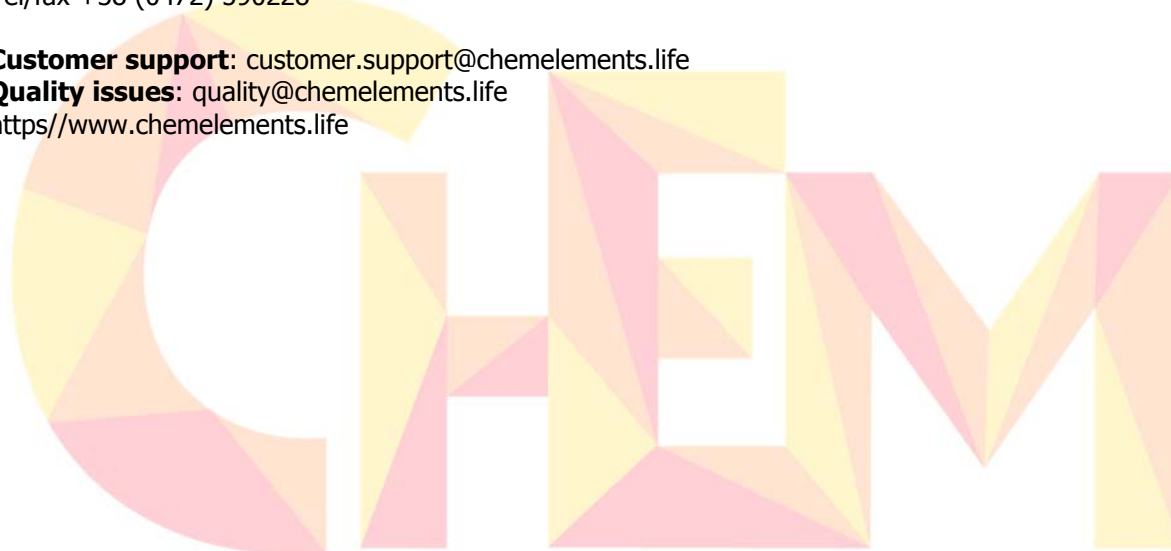
## Place of production / Warehouse

CHEMICAL ELEMENTS UKRAINE, LLC  
74, Khimikov avenue, Cherkassy, 18028, Ukraine  
Tel/fax +38 (0472) 590228

**Customer support:** [customer.support@chemelements.life](mailto:customer.support@chemelements.life)

**Quality issues:** [quality@chemelements.life](mailto:quality@chemelements.life)

<https://www.chemelements.life>



ELEMENTS

The Elements For Life

Revision Date: March, 2020

This data sheet is for information purposes only and is based on observations of our standard product. It does not release the user from any obligation to test the material and determine suitability for each application.