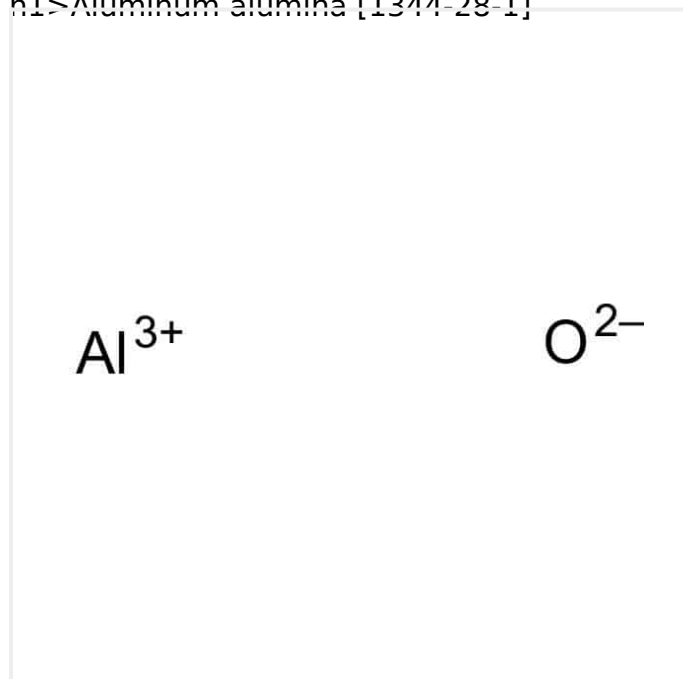


Aluminum alumina [1344-28-1]



CAS number: **1344-28-1**

Summary formula: **Al₂O₃**

Molar mass: **101.94 g / mol**

Synonyms: **hydrargilite**

Translation [ENG]: **aluminum oxide**

Application: **Aluminum oxide is a white crystalline salt-like substance. About 90% of all alumina is used for the production of aluminum, and the remainder is used for abrasives and ceramics. Aluminum oxide is known as mineral bauxite.**

VARIATIONS

Image		Price	Pack size
Al ³⁺	O ²⁻	£246,81 gross £200,66 netto	25 kg

PRODUCT DESCRIPTION

Aluminum alumina [1344-28-1]

Aluminum oxide is a white crystalline salt-like substance. About 90% of all alumina is used for the

production of aluminum, and the remainder is used for abrasives and ceramics. Aluminum oxide is known as mineral bauxite. Its main application is the production of aluminum from metal by electrolysis. It is also used in many other chemical reactions.

Boiling point: 2980 ° C (1013 hPa)

Density: 3.94 g / cm³ (20 ° C)

Melting point: 2050 ° C

PH value (10% suspension): 6.8 - 7.8

Water extractable substances: ≤ 0.2%

Chloride (Cl): ≤ 0.1%

Ca (calcium): ≤ 0.15%

Filtration rate: ≥ 0.3 ml / min

Particle size: 70% between 0.063 - 0.200 mm

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](#)