

Identification

Al
M = 26,98 g/mol
CAS [7429-90-5]
EC number: 231-072-3
Taric code: 7603 10 00

Applications

in explosive compositions, photography, synthesis of organic products, metal alloys, for the synthesis of: inorganic salts.

Specifications

assay.....min. 99 %

Physical data

- Appearance: powder, grey, up to 0,037 mm
- Spec. Density: 2,70 g/cm³
- Solub. in water: (20 °C): insoluble
- Melting point: 660 °C
- Boiling point: 2467 °C
- Ignition temperature: ~ 400 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

H250: Catches fire spontaneously if exposed to air.
H261: In contact with water releases flammable gases.



Precautionary Statements:

P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire.
P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P222: Do not allow contact with air.
P370+P378: In case of fire: Use ... for extinction.
P422: Store contents under...
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 4.3 W2 II • UN 1396 • ALUMINIUM POWDER, UNCOATED
- IMDG: 4.3 II • UN 1396 • ALUMINIUM POWDER, UNCOATED
- IATA/ICAO: 4.3 II • UN 1396 • ALUMINIUM POWDER, UNCOATED
- PAX: 415
- CAO: 417
- 10°C - 30°C