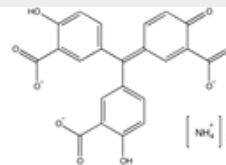


## Aluminon, reagent for aluminium, for analysis, ExpertQ®, ACS

**Identification**

$C_{22}H_{23}N_3O_9$   
M = 473,44 g/mol  
CAS [569-58-4]  
EC number: 209-319-1  
Taric code: 2918 90 90

**Synonyms**

Aurin tricarboxylic acid ammonium salt, Ammonium aurin tricarboxylate

**Applications**

manufacturing of lacquers, for the detection of: aluminium.

**Specifications**

insoluble in water..... max. 0,1 %  
suitability for determination of Al ..... passes test

residue on ignition..... max. 0,2 %  
loss on drying (110 °C)..... max. 10 %

**Physical data**

- Bulk density: ~ 400 kg/m<sup>3</sup>
- Solub. in water: (20 °C): ~ 800 g/l
- pH(10 g/l H<sub>2</sub>O, 20 °C) ~ 5,3

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H373: May cause damage to organs through prolonged or repeated exposure.  
H312: Harmful in contact with skin.  
H332: Harmful if inhaled.

**Precautionary Statements:**

P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P321: Specific treatment (see on this label).  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312: Call a POISON CENTER or doctor / physician if you feel unwell.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 10°C - 30°C