

# Ammonium formate 98% AR [540-69-2]



CAS number: **540-69-2**

Summary formula: **CH<sub>5</sub>NO<sub>2</sub>**

Molar mass: **63.03 g / mol**

Synonyms: **formic acid, ammonium salt**

Translation [ENG]: **ammonium formate**

Application: **Ammonium formate is used as an analytical reagent and also used as synthesis chemicals.**

## VARIATIONS

Image	Price	Pack size
$\text{NH}_3 \quad \text{HO}-\text{C}(=\text{O})$	£170,96 gross   £138,99 netto	10 kg
$\text{NH}_3 \quad \text{HO}-\text{C}(=\text{O})$	£816,81 gross   £664,07 netto	50 kg

## PRODUCT DESCRIPTION

### Ammonium formate 98% AR [540-69-2]

Ammonium formate is used as an analytical reagent and also used as synthesis chemicals.

Ammonium formate is a white solid, soluble in water. Has hygroscopic properties.

Content 98.0%

Relative density: 1.27 g / cm<sup>3</sup> (20 °C)

Solubility in water: 1020 g / dm<sup>3</sup> (0 °C)

pH: 5.5 - 7.5 [5%; 20 ° C]

Freezing / melting point: 116 °C

Auto-ignition temperature: 180 °C

Water insoluble substances max. 0.01%

Roasting residue (SO<sub>4</sub>) max. 0.03%

Chlorides (Cl) max. 0.005%

Sulphates (SO<sub>4</sub>) max. 0.01%

Heavy metals (Pb) max. 0.001%

Iron (Fe) max. 0.001%

### **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](#)