

h1>Ammonium iodide 99% [12027-06-4]



CAS number: **12027-06-4**

Summary formula: **NH4I**

Molar mass: **144.94 g / mol**

Synonyms: **none**

Translation [ENG]: **ammonium iodide**

Application: **Ammonium iodide is a laboratory reagent. Photographic chemicals. Ammonium iodide can be prepared by combining hydroiodic acid with ammonia.**

VARIATIONS

Image	Price	Pack size
$\text{I}^- \quad \text{NH}_4^+$	£1.385,10 gross £1.126,10 netto	5 kg

PRODUCT DESCRIPTION

Ammonium iodide 99% [12027-06-4]

Ammonium iodide is a laboratory reagent. Photographic chemicals. Ammonium iodide can be prepared by combining hydroiodic acid with ammonia. Ammonium iodide degrades quickly when mixed with ordinary collodion, releasing iodine.

Appearance: Crystalline or powder

Physical state: solid

Solubility: Soluble in water (1770 mg / ml at 25 ° C), methanol (400 mg / ml), glycerol (667 mg / ml), alcohol (270 mg / ml) and ethanol.

pH: 4.5–6.5 at 50 g / l at 25 ° C (77 ° F)

Storage: Store at 4 ° C

Melting point: 551.1 ° C (decomposition)

Refractive index: n_{20D} 1.70

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](#)