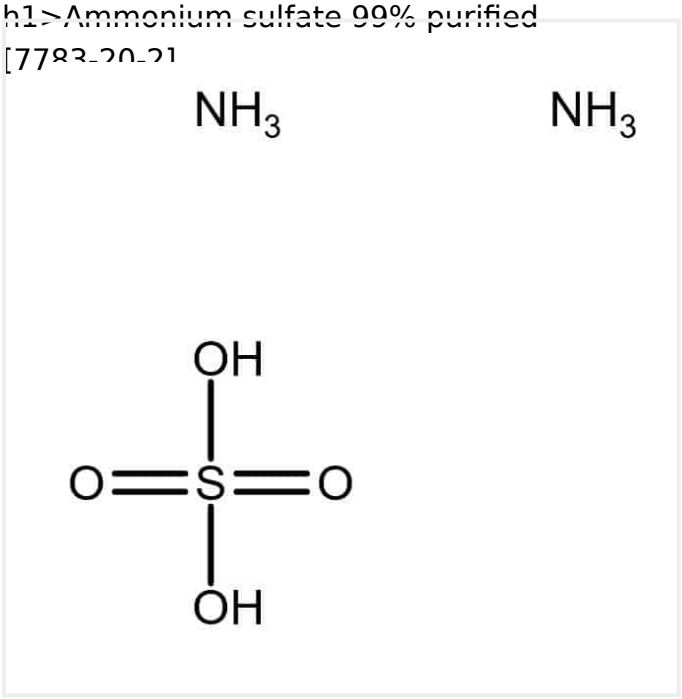
h1>Ammonium sulfate 99% purified
[7783-20-21



CAS number: **7783-20-2**
Summary formula: **(NH4) 2SO4**
Molar mass: **132.14 g / mol**
Synonyms: **none**
Translation [ENG]: **ammonium sulfate**
Application: **Ammonium sulfate is a typical nitrogen-based fertilizer, soluble in water and fast-acting, for various soils and crops. It is mainly used as an artificial fertilizer for alkaline soils. Ammonium ion is released in the soil, which creates a small amount of acid, lowering the soil's pH balance, while contributing to the growth of nitrogen necessary for plant growth.**

VARIATIONS

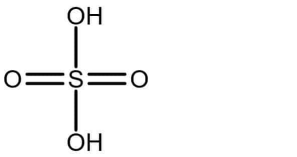
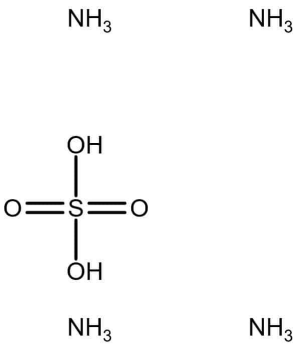
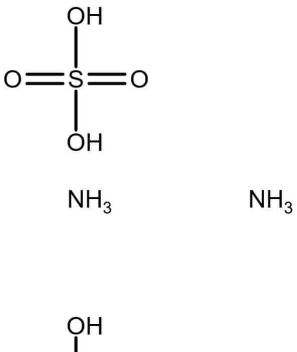
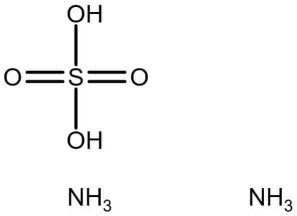
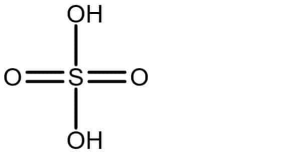
Image	Price	Pack size
	£2,85 gross | £2,32 netto	500 g

Image	Price	Pack size
	£5,70 gross | £4,63 netto	1 kg
	£14,24 gross | £11,58 netto	2.5 kg
	£56,96 gross | £46,31 netto	10 kg
	£142,31 gross | £115,70 netto	25 kg

PRODUCT DESCRIPTION

Ammonium sulfate 99% purified [7783-20-2]

Ammonium sulfate is a typical nitrogen-based fertilizer, soluble in water and fast-acting, for various

soils and crops. It is mainly used as an artificial fertilizer for alkaline soils. Ammonium ion is released in the soil, which creates a small amount of acid, lowering the soil's pH balance, while contributing to the growth of nitrogen necessary for plant growth. Used as a flux, flame retardant in the textile industry, as a salting agent, regulating osmotic pressure in medicine. Used as a raw material for hydrogen peroxide, ammonium chloride, ammonium alum and production in the chemical industry, as a flux in the welding industry. Used as additives for electroplating baths in the electroplating industry.

Water insoluble substances max. 0.01%
Roasting residue max. 0.06%
Free acids (calculated as H_2SO_4) max. 0.05%
Chlorides (Cl) max. 0.002%
Nitrates (NO_3) max. 0.005%
Phosphates (PO_4) max. 0.002%
Heavy metals (Pb unit) max. 0.002%
Iron (Fe) max. 0.001%
Arsenic (As) max. 0.001%
pH (5%, 20oC) 4.0–6.0

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**