

AMMONIUM CARBONATE

In site, building and art restoration is used as stone cleaning material.

General Description

Commercial salt, formerly known as sal volatile or salt of hartshorn.

Ammonium carbonate is used when crushed as a smelling salt.

It can be crushed when needed to revive someone who has fainted.

CAS	506-87-6
Formula	$(\text{NH}_4)_2\text{CO}_3$
Molar Mass	96.09 g/mol
Appearance	white powder
Density	1.50 g/cm ³
Odour	ammonia
pH	9
Melting Point	58 °C
Boiling Point	decomposes
Solubility in Water	soluble, decomposes in hot water
MSDS	external
Main Hazards	irritant

Except where noted otherwise, data are given for materials in their standard state at 25 °C, 100 kPa

Production

By heating mixture of ammonium chloride or ammonium sulfate and chalk.

Crude product is refined by sublimation to white fibrous mass, a mixture of ammonium bicarbonate and ammonium carbonate.

We have no control over published data and do not guarantee accuracy.

The user shall determine the product suitability for his intended application and implement all safety requirements in product handling and processing.

Supplier's only obligation is to replace the product quantity proved defective

Source: Wikipedia 05/08/2009