



Product Specification

Product Name: AMMONIUM CARBONATE LR

Alternate Name(s) Crystal ammonia; ammonium sesquicarbonate; hartshorn; hartshorn salt; salt of hartshorn.

Description

Colourless crystalline plates or white powder; unstable in air. Strong odour of ammonia; sharp ammonical taste.

Properties

Chemical Formula: $(\text{NH}_4)\text{HCO}_3 \cdot (\text{NH}_4)\text{CO}_2\text{NH}_2$

Molecular Weight: 157.13

Product Code: AL013

CAS No.: 506-87-6

General Information:

The carbamate portion dissolves in alcohol. Incompatible with acids and acid salts, salts of iron and zinc, alkalioids, alum, calomel and tartar emetic.

Quality Specification

Assay: 30.0 % min. (as NH_3)

Specific Properties and Impurities [Typical levels]:

Vapour Pressure (20 °C)	188 hPa
Solubility in Water (20 °C)	320 g/l
Decomposition Temp.	58 °C
Chloride (Cl)	0.003%
Sulfates (SO_4)	0.007%
Heavy metals (as Pb)	0.001%
Arsenic (As)	0.0002%
Iron (Fe)	0.0005%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH0W
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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