

**Ammonium carbonate, reagent grade, ACS****Identification**

$\text{NH}_4\text{HCO}_3 + \text{NH}_4\text{NH}_2\text{COO}$   
CAS [10361-29-2]  
EC number: 233-786-0  
Taric code: 2836 10 00

**Synonyms**

Salt of hartshorn



**Applications**

manufacture of dyes, in the rubber industry, analytical chemistry.

**Specifications**

assay (acidimetric, $\text{NH}_3$ ).....	min. 30 %	copper (Cu).....	max. 0,0025 %
identity (IR-spectrum).....	passes test	heavy metals (as Pb).....	max. 0,0005 %
appearance of solution.....	passes test	iron (Fe).....	max. 0,0005 %
insoluble in water.....	max. 0,005 %	lead (Pb).....	max. 0,001 %
chlorides (Cl).....	max. 0,0005 %	zinc (Zn).....	max. 0,0025 %
arsenic (As).....	max. 0,0003 %	sulphur compounds (as $\text{SO}_4$ ).....	max. 0,002 %
calcium (Ca).....	max. 0,01 %	residue on ignition.....	max. 0,05 %

**Packaging****Packaging Code**

500 g  AM02680500  
1 kg  AM02681000

**Physical data**

- Appearance: crystals or powder, white
- Solub. in water: (20 °C): soluble
- Melting point: 58 °C (decomposes)
- pH(100 g/l  $\text{H}_2\text{O}$ , 20 °C) 9,4
- Hygroscopic

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P330: Rinse mouth.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 1975 mg/kg
- WGK: 1
- Poison class CH (Swiss): 4

**Transport/storage**

- Store between 15°C and 25°C