

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, NH_3)..... | min. 30 % | max. absorbance of an aqueous sol. | |
| identity (IR-spectrum)..... | passes test | 10 % in a 1,0 cm cell at | |
| insoluble matter..... | passes test | wavelength: | |
| chlorides (Cl)..... | max. 0,0005 % | 240 nm..... | absorbance: 0,1 AU |
| sulfates (SO_4)..... | max. 0,005 % | 250 nm..... | 0,04 AU |
| arsenic (As)..... | max. 0,0003 % | 260 nm..... | 0,02 AU |
| copper (Cu)..... | max. 0,0025 % | 280 nm..... | 0,01 AU |
| heavy metals (as Pb)..... | max. 0,001 % | | |
| iron (Fe)..... | max. 0,0005 % | | |
| lead (Pb)..... | max. 0,001 % | | |

Packaging
Packaging Code

250 g  AM02670250

Physical data

- Appearance: crystals or powder, white
- Solub. in water: (20 °C): soluble
- Melting point: 58 °C (decomposes)
- pH(100 g/l H_2O , 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