



Specialized in chemicals

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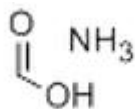
Technical Data Sheet

Ammonium formate

Product Information

Chemical Name Ammonium formate

Chemical Structure



CAS # 540-69-2

Formula CH5NO2

Molecular Weight 63.06

Physical Properties

Appearance: White deliquescent crystals.

Odor: Odorless.

Solubility: 102g/100cc water @ 0C (32F).

Specific Gravity: 1.28 % Volatiles by volume @ 21C (70F): 0

Boiling Point: 180C (356F) Decomposes.

Melting Point: 116C (241F)

Evaporation Rate (BuAc=1): 0

Specification

Item Specification

Appearance White powder

Assay, % ≥ 98.0

Residue on Ignition, % ≤ 0.04

SO₄, % ≤ 0.01

Chloride, % ≤ 0.004

Fe, % ≤ 0.001

Pb, % ≤ 0.0004

Applications

- 1) Used in electrolytic capacitor used in organic synthesis,
- 2) Pharmaceutical intermediates
- 3) analytical reagent

Packaging

25kg per bag

20.0mt per 20ft container without pallet

18.0mt per 20ft container with pallets

Storage & Handling

Keep in a tightly closed container.

Store in a cool, dry, corrosion-proof, ventilated area away from moisture, sources of heat or ignition, combustibles and oxidizers. Protect against physical damage.