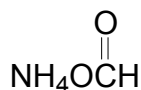


Ammonium Formate, Crystal and Solution

Technical Data Sheet



Product Identification	Synonyms	Formic Acid, Ammonium Salt
	CAS No.	540-69-2
	EINECS/ELINCS	208-753-9
	Molecular Formula	CH ₆ NO ₂
	Molecular Weight	63.06
	Quality Available	Crystal-Reagent; Solution-Purified

Specifications	Crystal-Reagent	Solution-Purified
Assay	97-103%	50%±0.5%
Chloride	0.0005% maximum	0.005% maximum
Heavy metals (as Pb)	0.001% maximum	0.005% maximum
Insoluble matter	0.005% maximum	-----
Iron	0.001% maximum	0.005% maximum
pH of a 5% Sol'n at 25° C	6.5-7.0	6.5-7.5
Residue after ignition	0.005% maximum	0.005% maximum
Sulfate	0.005% maximum	0.01% maximum

Physical Properties	Property	Value-Solid	Value-Liquid
	Appearance	Deliquescent granules or crystals	Clear, colorless liquid
	Melting Point	116°C	-----
	Solubility in water	102 g/100 ml @ 0°C	Miscible (density -9.3 lb/gal)
	Odor	Slight ammoniacal odor	Slight ammoniacal odor
	Boiling Point	d 180°C	111°C
	Specific gravity (Relative to water)	-----	1.2@ 77°F

Packaging Crystals: 25 pound rocons and 150 pound fiber drums.
Solution: 55 gallon steel drums. Also non-returnable totes.

Applications **Pharmaceutical Applications:** Ammonium Formate is used in the manufacture of protease inhibitors and related drugs.
Specialty/Fine Chemical Applications: Ammonium Formate is used in the manufacture of catalytic systems.

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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