



Specialized in chemicals

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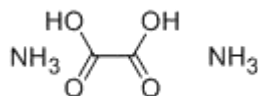
Site: www.tnjchem.com

Technical Data Sheet

Ammonium oxalate

Product Information

Chemical Name	Ammonium oxalate
CAS #	1113-38-8 6009-70-7
Formula	$(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$ or $(\text{NH}_4)_2\text{C}_2\text{O}_4$
Molecular Weight	142.11 or 124.01
Synonyms	
Chemical Structure	



Description

- White powdered crystal;
- Soluble in water; insoluble in ethyl alcohol

Physical Properties

Boiling point	365.1C at 760 mmHg
Flash point	188.8C

Specification

Item	Top grade	Analytical	Industrial	Anhydrous
Clarity test	Qualified	Qualified	Qualified	Qualified
Water insoluble	0.003%	0.005%	0.005%	0.005%
Residue on ignition	0.005%	0.01%	0.01%	0.01%
Chloride	0.0005%	0.001%	0.005%	0.005%
Sulfur compound	0.005%	0.01%	0.01%	0.002%
Ferrum(Fe)	0.0002%	0.0005%	0.001%	0.001%

Heavy metal(Pb)	0.0002%	0.001%	0.002%	0.002%
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Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Ammonium Oxalate can be used in the detection and determination of calcium,lead and rare earth metal ions.It can also be used in routine examination of blood.

Packaging

25kg per bag
18mt per 20ft container

Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.
Store in a cool, dry, well-ventilated area away from incompatible substances.
Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.
Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.
Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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