



Specialized in chemicals

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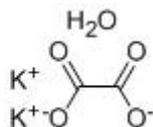
Site: www.tnjchem.com

Technical Data Sheet

Potassium Oxalate

Product Information

Chemical Name	Potassium Oxalate
CAS #	6487-48-5 (monohydrate) ; 583-52-8 (anhydrous)
Formula	C ₂ H ₂ K ₂ O ₅ (monohydrate); C ₂ K ₂ O ₄ (anhydrous)
Molecular Weight	184.23 (monohydrate); 166.22 (anhydrous)
Synonyms	Dipotassium oxalate,Potassium oxalate monohydrate
Chemical Structure	



Physical Properties

Melting point	356°C
Boiling point	365.1°C
Flash point	188.8°C
Water solution	364 g/L (20°C)

Specification

Items	Specification
Appearance	White crystal or powder
Assay, %	99.0 Min
Water insoluble,%	0.01 Max
Sulfate(SO ₄),%	0.05 Max
Chlorine(Cl),%	0.01 Max
Iron (Fe),%	0.005 Max

Heavy metal (Pb), %	0.005 Max
PH value	7.2-8.2

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Raw material of ceramic glaze, leather making, textile finishing, organic chemical material

Packaging

25kg per bag
20mt 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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