

Oxalic Acid

Organic acid for industrial applications

Product Description

Oxalic acid used in cleaning products, metal treatment, and as a chemical intermediate.

Certificate of Analysis

HSN Code: 2917.12

CAS Number: 144-62-7

Classification: Hazardous (Corrosive, toxic)

Parameter	Specification	Test Method
Oxalic Acid Content	"e 99.0% (anhydrous basis)	Titration / HPLC
Moisture Content	"d 0.5%	Oven drying
Iron (Fe)	"d 0.001%	AAS / ICP
Sulfate (SO4)	"d 0.01%	Gravimetric
Appearance	White crystalline powder	Visual
Odor	Odorless	Sensory

Physical Properties

Appearance: White crystalline powder or granules

Odor: Odorless

Molecular Formula: C₂H₂O₄

Molecular Weight: 90.03 g/mol

Solubility: Highly soluble in water

Density: 1.65 g/cm³ (anhydrous)

Melting Point: 189–191°C (decomposes)

Packing: 25 kg or 50 kg bags, Jumbo bags (1 MT), Bulk shipments

Storage: Store in a cool, dry, well-ventilated area away from moisture and incompatible materials

Safety & Handling

PPE: Chemical-resistant gloves, protective goggles, protective clothing, dust mask or respirator

Hazards:

- Causes severe skin burns and eye damage
- Toxic if swallowed
- Harmful if inhaled