



Wuxi High Mountain Hi-tech Development Co.,Ltd

Technical Data Sheet

Version: 2.0

Oct. 10, 2023

Chloroacetic Acid #HMHT0001

HS Code	CAS No.	Formula	Molecule Weight	Shelf Life
29154000.90	79-11-8	ClCH ₂ CO ₂ H	94.5 g/mol	12 months

Standard: HG/T 3271-2000

Items	Unit	Specifications	Specifications
Appearance		White Crystalline Flake	White Crystalline Powder
Monochloroacetic Acid (MCAA)	%	99min.	98min.
Dichloroacetic Acid (DCA)	%	0.5max.	0.5max.
Acetic Acid (AA)	%	0.02max.	0.5max.
Crystallizing Point	°C	60min.	60min.

Packing:

In 25kg/1000KG Plastic bags, 24mt/20mt in 1X20'FCL with pallets

Application:

Used in the Agro pesticide industry to manufacture glyphosate, herbicide, 2,4-D, naphthyl acetic acid, etc.;

Used to make pharmaceutical intermediates of barbiturates, vitamin B6, vitamin A, epinephrine, amino acid, etc.;

Used in the dyestuffs industry like indigo dyes, cationic dyes, disperse dyes, vat dyes, naphthalene amino acetic acid.

Used in the organic synthesis as an important raw material and intermediates to make acetic acid betaine (surfactant in shampoo, hair conditioner, etc.), mercaptoacetic acid, malonic acid, a cationic surfactant, softener, lime soap dispersing agent, cold wave lotion, detergents, chloracetyl chloride, etc.;

Used as the main raw material of producing carboxymethyl cellulose (CMC);

Handling and storage conditions:

Avoid contact with skin and eyes. Keep containers in a dry, cool and well-ventilated place. Store away from incompatible materials and foodstuff containers.

Transportation information:

UN 1751 6.1+8 / PG II