

Specification Of SODIUM MONOCHLORO ACETATE (SMCA)

IUPAC NAME	: Sodium 2-chloroacetate.
CHEMICAL FORMULA	: $C_2H_2ClNaO_2$
Appearance	: White colored free flowing fine powder
Solubility	: Soluble in Water
Molecular Weight	: 116.5 Hygroscopic, without any perceptible Odour, Toxic & Corrosive
Chemical formula	: $C_2H_2ClNaO_2$
Sodium Monochloro Acetate	: 98.00% Min (On dry basis)
Sodium Dichloro Acetate	: 0.50% Max
Sodium Chloride	: 0.50% Max
Moisture Content	: 1.00% Max (When Packed)
pH of 5% w/w Solution	: 5.5 to 8

Applications are in Manufacturing of

1. Various Agrochemicals viz 2,4-D (2,4-dichlorophenoxyacetic acid), 2,4,5-T (2,4,5-trichlorophenoxyacetic acid), MCPA (2-methyl-4-chlorophenoxyacetic acid), Glyphosate and Dimethoate.
2. Drugs such as Vitamins, Synthetic Caffeine, Malonates, Glycine, Barbiturates etc
3. Amphoteric Surfactants which used in shampoos, baby and children cleansing formulations, shower and bath gels, body and facial washes and shaving foam, also in skin care products like cleansing milks or eye-make up removers.
4. Glycolic acid (Hydroxyacetic Acid), Thioglycolic Acid and Cyanoacetic Acid.
5. Textile Auxiliaries & Dyestuffs (Indigo)
6. Hydrocolloids such as Sodium Carboxy Methyl Cellulose (CMC), Sodium Carboxy Methyl Starch (CMS), Sodium Carboxy Methyl Tamarind (CMT), Sodium Carboxy Methyl Guar Gum (CMG).

PACKING

25Kg or 50 Kg HDPE Bags with inner LDPE liner.