

AQUACID 109EX

EDTMP Acid

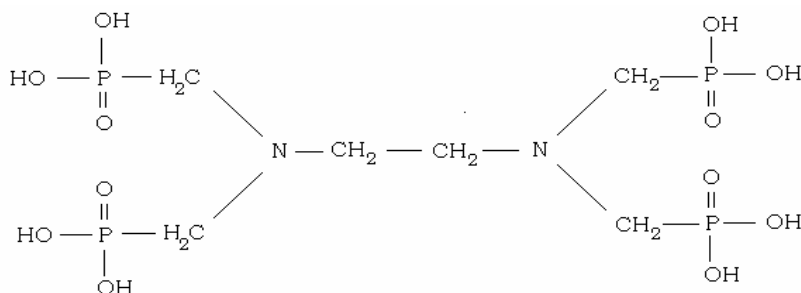
ETHYLENEDIAMINE TETRA(METHYLENEDIPHOSPHONIC) ACID

REACH PRE-REGISTRATION NUMBER 05-2115916414-51-0000

PRODUCT FEATURES

Aquacid 109EX is an organophosphonate, which offers multiple properties like sequestration, deflocculation, threshold inhibition and hydrolytic stability in a single active ingredient leading to a multiple of applications.

STRUCTURE



SPECIFICATIONS

Chemical Name : Ethylenediamine tetra(methylenephosphonic) acid
 CAS No : 1429-50-1
 EC No. : 215-851-5
 Molecular Weight : 436
 Appearance : White solid
 Active Content : 92% min (as acid)
 Moisture : Less than 8 %
 pH (1% solution) : Less than 2
 Chlorides as HCl : < 0.5 %
 Iron Content (ppm) : < 20
 Solubility : Sparingly soluble in water
 (These are typical values and not specifications)

MAJOR APPLICATIONS

Aquacid 109EX is used in detergents as an incrustation control agent and for stabilization of bleach components. It is also used for cement set retardation, oil field formulations and as a peroxide bleach stabilization agent in textile auxiliaries.

HANDLING PRECAUTIONS

Aquacid 109EX is practically non-toxic by ingestion and dermal application, slightly irritating to the skin and moderately irritating to the eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush affected areas with plenty of water. Goggles & rubber gloves should be used at all times when working with the concentrated material. Please refer MSDS for detailed information.

PACKING

50 kg fiber drums and 25 kg laminated paper bags.