

AQUACID 1086EX Na₅ ATMP

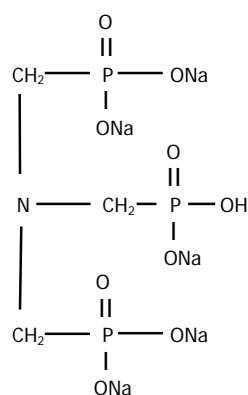
AMINOTRIMETHYLENE PHOSPHONIC ACID, PENTA SODIUM SALT

REACH REGISTRATION NUMBER 01-2119490000-55-0003

PRODUCT FEATURES

Aquacid 1086EX is an organophosphonate compound possessing multifold properties like sequestration, deflocculation and threshold inhibition. Aquacid1086EX exhibits sequestration of metal ions at stoichiometric concentration and threshold inhibition of metal salt precipitation at sub-stoichiometric concentrations. The ability of Aquacid 1086EX to deflocculate or disperse solid particles combined with its hydrolytic stability makes it a versatile ingredient for applications requiring efficient metal ion control such as water treatment, I & I cleaners, textile auxiliaries, metal pretreatment, oil field and construction chemicals etc. Aquacid 1086EX is also a good corrosion inhibitor for iron and aluminium especially when formulated with zinc salts and azoles.

STRUCTURE



SPECIFICATIONS

Chemical Name	: Amino tri(methylenephosphonic acid), sodium salt
CAS No.	: 20592-85-2
EC No.	: 243-900-0
Molecular Weight	: 409
Appearance	: Clear colourless to pale yellow aqueous solution
Active Content	: 28 to 30 % (as acid) : 40 % approx (as salt)
Specific gravity @ 25°C	: 1.42 ± 0.03
pH (1% solution)	: 10 – 11
Chlorides as HCl	: < 1 %
Iron Content (ppm)	: < 20
Solubility	: Soluble in water
(These are typical values and not specifications)	

9th&10th Floor, Amar Synergy
12B, Sadhu Vaswani Road
Pune 411 001, India

Tel. : +91 20 6609 0000
Fax : +91 20 2605 3396
E-mail : intlsales@aquapharm.net

Aquapharm Chemicals Pvt. Limited

MAJOR APPLICATIONS

Aquacid 1086EX is incorporated in various chemical formulations of industrial water treatment, oil field, detergent, metal treatment, industrial cleaners, electroplating, and construction chemical formulations

HANDLING PRECAUTIONS

Care should be taken to avoid contact of the product with skin and eyes. Goggles and rubber gloves should be used at all times while handling the product. Please refer MSDS for detailed information.

PACKING

65 kg HDPE carboys / 275 kg barrels / 1250 kg IBCs / 26000 kg ISO tanks