

AQUACID 108NS



ATMP Acid

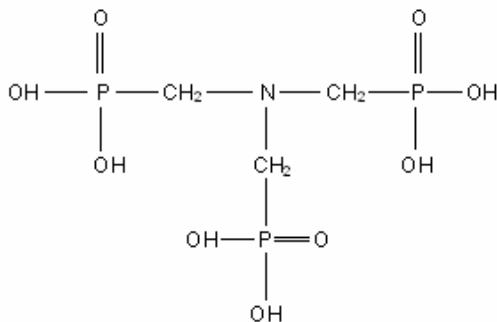
AMINO TRIMETHYLENE PHOSPHONIC ACID

REACH PRE-REGISTRATION NUMBER 05-2115916408-44-0000

PRODUCT FEATURES

Aquacid 108NS is certified to NSF's standards for drinking water applications as a scale inhibitor. Aquacid 108NS is an excellent inhibitor for CaCO₃ and CaSO₄ scales. It functions by threshold effect mechanism and is also an excellent chelating agent for heavy metals. Aquacid 108NS is manufactured at our fully automated Mahad facility to exacting standards.

STRUCTURE



SPECIFICATIONS

Chemical Name	: Amino trimethylene phosphonic acid
CAS No	: 6419-19-8
EC No.	: 229-146-5
Molecular Weight	: 299
Appearance	: Light to pale yellow clear liquid.
Active Content	: 49 to 51 % (as acid)
Specific gravity @ 25°C	: 1.325 to 1.365
pH (1% solution)	: < 2.5
Chlorides as HCl	: < 1.0 %
Iron Content	: < 35 ppm
Solubility	: Soluble in water

(These are typical values and not specifications)

MAJOR APPLICATIONS

Aquacid 108NS is primarily designed as an ingredient for Reverse Osmosis and Thermal Desalination plant anti-scalants. It can also be used as an ingredient for other water treatment and cleaner formulations that require NSF certified phosphonates as an ingredient.

HANDLING PRECAUTIONS

Care should be taken to avoid contact of the product with skin and eyes. Goggles & 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 and 26000 kg ISO Tanks