

AQUACID 1014EX

Na₄PBTC

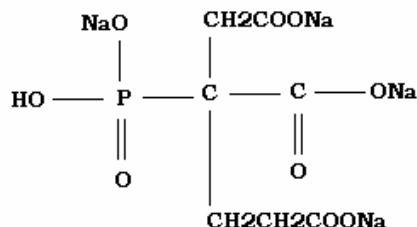
2-Phosphonobutane-1, 2, 4-tricarboxylic acid, tetra sodium salt

REACH PRE-REGISTRATION NUMBER 05-2115916383-48-0000

PRODUCT FEATURES

Aquacid 1014EX is an organophosphonate exhibiting multifunctional properties such as sequestration, deflocculation, threshold inhibition and stability to oxidizing biocides such as chlorine and bromine. The combination of these properties enables the use of Aquacid 1014EX in a wide range of applications such as scale and corrosion inhibitor in treatment of cooling and process water and I & I cleaning..

STRUCTURE



SPECIFICATIONS

Chemical Name	: 2-Phosphonobutane-1,2,4-tricarboxylic acid, tetra sodium salt
CAS No	: 66669-53-2
EC No.	: 266-791-2
Molecular Weight	: 385.06
Appearance	: Clear colourless light yellow liquid
Active Content	: 40.0 – 42.5 % (as PBTC-Na ₄) : 30.2 – 32.1 % (as PBTC)
Density @ 20°C	: 1.35 – 1.38
pH (2 % solution)	: 7.5 – 9.5
Turbidity	: < 10 NTU

(These are typical values and not specifications)

MAJOR APPLICATIONS

Aquacid 1014EX is used widely in industrial water treatment, detergents and I & I cleaners as a scale control agent. Its stability to chlorine allows it to be used in bleach formulations to provide incrustation control as well as bleach stabilization.

HANDLING PRECAUTIONS

Aquacid 1014EX is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to skin and corrosive to eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush affected area 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

65 kg HDPE carboys, 275 kg barrels and 1250 kg IBCs