

AQUACID 105EXSP

Peroxide stabilizer

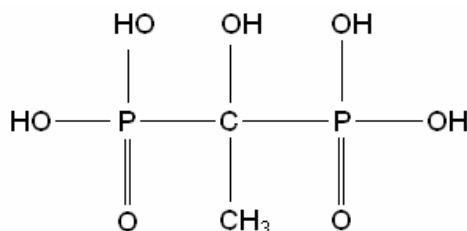
ETIDRONIC ACID

REACH REGISTRATION NUMBER 01-2119510391-53-0003

PRODUCT FEATURES

Aquacid 105EXSP controls decomposition of peroxide based solutions and gels by virtue of its high chelation properties for heavy metals including Fe(III). It also has excellent chelation properties for hardness ions and other heavy metals that may be present as impurities in soaps, shampoos and other personal care products. Products doped with Aquacid 105EXSP show excellent long-term stability.

STRUCTURE



SPECIFICATIONS

Chemical Name	: Etidronic acid
CAS No	: 2809-21-4
EC No.	: 220-552-8
Molecular Weight	: 206
Appearance	: Colourless to pale yellow aqueous solution
Active Content	: 60 ± 2%
Specific gravity @ 25°C	: 1.43 -1.47
pH (1% solution)	: Less than 2
Chlorides	: 10 PPM max
Iron Content (ppm)	: < 20
Solubility	: Soluble in water

(These are typical values and not specifications)

MAJOR APPLICATIONS

It is used as a chelating agent for metal ions like Ca, Mg, Mn & Fe in different bleach/peroxide stabilization, especially in personal care products used for hair care.

HANDLING PRECAUTIONS

Aquacid 105EXSP is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to the 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 concentrated material. Please refer MSDS for detailed information.

PACKING

65 kg carboys and 295 kg barrels.