

## AQUACID 1054 CG

**Na<sub>4</sub> ETIDRONIC ACID**

### TETRA SODIUM SALT OF ETIDRONIC ACID

#### PRODUCT FEATURES

AQUACID 1054 CG is an organophosphonate with multifunctional properties like sequestration, deflocculation, threshold inhibition and hydrolytic stability, as a single active ingredient. Because of the excellent complexing capacity for metals, is recommended for stabilization of peroxide preparations. It also enhances the colour stability of bar soaps.

#### SPECIFICATIONS

Chemical Name	: Tetra sodium salt of Etidronic acid
CAS No.	: 3794-83-0
Molecular Weight	: 294
Appearance	: Clear colourless aqueous solution
Solid content	: 31% approx. (as salt)
Specific gravity (g/ml) 25/25°C	: 1.30 ± 0.04
pH (1% solution)	: 11 – 12
Iron Content (ppm)	: 5-8
Solubility	: Soluble in water
Phosphorous acid	: 1.0% max
Heavy metals	
	As: <2 ppm
	Cr/Cd/Mn/Cu/Co: <1 ppm
Microbiological test:	As per USP

(These are typical values and not the final specifications)

#### MAJOR APPLICATIONS

AQUACID 1054 CG is recommended to use in detergent formulations and in cosmetics industries as bleach stabilizer and chelating agents.

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**HANDLING PRECAUTIONS** AQUACID 1054 CG is slightly toxic by ingestion, practically non-toxic on dermal application, moderately irritating to the skin and corrosive to the eyes. Care should be taken to avoid contact with skin and eyes. In case of contact, flush the affected area with plenty of water. Goggles and rubber gloves should be used at all times when working with the concentrated material.

**PACKING**

65 Kgs HDPE Carbouy / 275 Kgs Polydrum /  
1250 Kgs IBC / 26000 Kgs of ISO Tank