

# AQUACID 105NS



# HEDP Acid

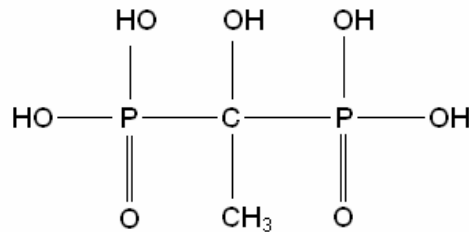
## 1-HYDROXYETHYLIDENE-1, 1-DIPHOSPHONIC ACID

**REACH REGISTRATION NUMBER** 01-2119510391-53-0003

### PRODUCT FEATURES

AQUACID 105NS is certified to NSF's standard 60 for drinking water application. Aquacid 105NS is manufactured at our fully automated Mahad facility to exacting standards.

### STRUCTURE



### SPECIFICATIONS

Chemical Name : 1-Hydroxyethylidene-1, 1-diphosphonic acid  
CAS No : 2809-21-4  
EC No. : 220-552-8  
Molecular Weight : 206  
Appearance : Clear aqueous solution  
Active Content : 60 ± 2%  
Specific gravity @ 25°C : 1.42 -1.46  
pH (1% solution) : Less than 2  
Chlorides as HCl : < 0.01 %  
Iron Content (ppm) : < 20  
Solubility : Soluble in water  
(These are typical values and not specifications)

### MAJOR APPLICATIONS

Aquacid 105NS can be used for formulating reverse osmosis anti-scalants, thermal desalination anti-scalants, formulations for treating sterilizers etc. Aquacid 105NS can be used directly also for such applications, singly or in combination with a suitable dispersant

### HANDLING PRECAUTIONS

Aquacid 105NS 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.

### PACKING

65 kg carboys, 295 kg barrels, 1400 kg IBCs and 26000 kg ISO Tanks