CODEX® 4473N

PHYSICAL PROPERTIES

Chemical name : Disodium salt of diethylene triamine

pentamethylene phosphonic acid

Molecular structure :

$$Na_{2} = \begin{pmatrix} 0 & & & & & & & & & \\ 0H - P - CH_{2} & & & & & & & \\ 0H & O & & & & & & \\ 0 & O & & & & & & \\ 0H - P - CH_{2} & & & & & & \\ 0H - P - CH_{2} & & & & & \\ 0H - P - CH_{2} & & & & & \\ 0H - P - CH_{2} & & & & & \\ 0H - P - CH_{2} & & & & & \\ 0H - P - CH_{2} & & & & \\ 0H - P - CH_{2} & & & & \\ 0H - P - CH_{2} & & & & \\ 0H - P - CH_{2} & & & & \\ 0H - P - CH_{2} & & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & & \\ 0H - P - CH_{2} & & \\ 0H - CH_{2} & & \\$$

 $Formula \hspace{35pt} : \hspace{35pt} C_9H_{26}N_3Na_2O_{15}P_5$

Abbreviation : Na₂DTPMPA

Appearance : Clear brown / amber liquid

Molecular weight : 617

CAS No. : 22042-96-2

SPECIFICATIONS

Active acid : 45-49%

Specific gravity at 25° c : 1.420 ± 0.02

pH of 1% solution : 2 - 3

Iron content as Fe : 20 ppm max. Chloride as Cl : 5.5% max.

PACKAGING

Unit pack : 65kg HDPE carboy, 250 kg HMHD drum, ISO tanks, IBC

Packing. UN approved for ocean carriage

Quantity per 20 feet fcl : 20 MT

UN No. : Not classified IMCO Class : Not classified

Packing Group : III

APPLICATIONS

Industrial & Institutional cleaner, Peroxide Stabilizers for Detergents

HEALTH AND SAFETY INFORMATION

Areas affected	Symptoms	Precaution	First Aid
Eyes	Causes irritation	Avoid contact with eyes. Wear goggle and full- face shield	Flush eyes with plenty of clean water for at least 15/20 minutes
Skin	Causes irritation	Avoid contact with skin Use PVC or Rubber apron	Wash with soap and plenty of water
Inhalation	Coughing	Use proper personal protective equipment	Take the patient to open air. If breathing is difficult apply artificial respiration







