



Technical data sheet

NAME		1-HYDROXY ETHYLIDENE-1,1-DIPHOSPHONIC ACID (HEDP)
CAS		2809-21-4
Molecular weight		206.03
Application		Water treatment
Appearance		Colorless-yellowish liquid (60%) / white crystal (90%)
Active content (as HEDP)	%	58-62(liquid) / 90(solid)
Phosphorus acid (as PO_3^{3-})	$\leq\%$	2.0
Phosphoric acid (as PO_4^{3-})	$\leq\%$	0.8
pH (1% water solution)	$\leq$	2
Density (20°C)	$\geq\text{g/ml}$	1.4
Iron	$\leq\text{ppm}$	10
Chlorides	$\leq\text{ppm}$	100
Color (APHA)	$\leq$	30
Sequestrant value (CaCO_3)	$\geq\text{mg/g}$	500
Arsenic	$\leq\text{ppm}$	3
Lead	$\leq\text{ppm}$	2
Mercury	$\leq\text{ppm}$	10
Package		25/290/1200kg drums (liquid) 25kg bags (solid)
Loading qty FCL (20'GP)		23.2MTs(liquid) / 24MTs (solid)
Class		8
UN		3265(liquid) / 3261 (solid)
HS Code		2931499090

