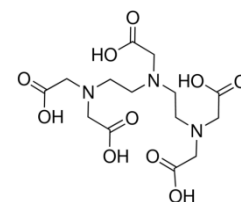


## DIETHYLENE TRIAMINE PENTA ACETIC ACID (D.T.P.A.) AR

<b>PRODUCT CODE</b>	511545
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(67-43-6)
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_{14}H_{23}N_3O_{10}$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	393.35
<b>PROPERTIES</b>	--



PARAMETER	LIMIT
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Description	White to off white crystals/powder.
Solubility	0.1 Mole of sub. In 1 M NaOH soln. should be clear and colourless.
Minimum assay (Anhydrous substance)	99.0%
pH value (1% in water at 23°C)	About 2.5
Melting point	219-220°C

### MAXIMUM LIMIT OF IMPURITIES

Heavy metals (as Pb)	0.001%
Iron (Fe)	0.001%
Water	0.5%

**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**Hazard statements :** Harmful if swallowed. May cause allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

### Precautionary statements

**Prevention:** Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours /spray. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace.

**Response:** If skin irritation or rash occurs, seek medical advice/attention. Get medical advice/attention if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water.

**Specific treatment:** refer to Label or MSDS. Wash contaminated clothing before reuse..

IMDG Code : 9/III

UN No. : 3077

IATA : 9

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. The waste chemical should be buried on a stage approved site .The liquid should be absorbed on sand.

Hazard Pictogram(s) :-



GHS07



GHS08