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English Version



AXCIDE

THPC

GENERAL

Chemical Name	Tetrakis (hydroxymethyl) phosphonium chloride
Chemical Structure	$[(\text{CH}_2\text{OH})_4\text{P}] \text{Cl}$
Molecular Weight	190.56
Appearance	Colourless to yellowish liquid
CAS No.	124-64-1

DESCRIPTION

THPC is a new class anti-microbial agent, with minimum effects on the environment. THPC's benefits include low toxicity, low dosage and rapid breakdown in the environment.

SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Active Content (as phosphorus), %	10.6 ~ 13.1
pH	1.5 – 4.5
Density, g/cm ³ at 20 °C	Upto 1.35
Colour (Hazen)	100 Max

Our THPC is available in different levels of active phosphorous contents to suit the different applications – giving THPC contents of 80%, 75% and 65 %.

PACKING

250kg per UN approved PE drum

APPLICATIONS

- Industrial / Commercial Water Treatment - control of bacterial growth
- Oilfield - control of bacterial growth
- Textiles
- Disinfectants
- Chemical Intermediate

TRANSPORT INFORMATION

CORROSIVE LIQUID, TOXIC, NOS
UN2922 PACKING GROUP III

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The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

Planet Chemicals Pte Ltd

5 Toh Guan Road East, Singapore 608831 Tel: +(65)-6872-6291 Fax: +(65)-6872 5655