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English Version



AXCID

THPS

GENERAL

Chemical Name	Tetrakis (hydroxymethyl) phosphonium sulfate
Chemical Structure	$[(\text{CH}_2\text{OH})_4\text{P}]_2\text{SO}_4$
Appearance	Clear to light yellow liquid
CAS No.	55566-30-8

DESCRIPTION

THPS is a new class of anti-microbial agent which offers superior anti-microbial activity controlling the growth of bacteria, algae and fungi, with minimum effects on the environment. THPS'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), %	3.0 ~ 11.5
pH	1.5 ~ 4.5
Density, g/cm ³ at 20 °C	Upto 1.39
Colour (APHA)	100 Max
Colour (Hazen)	50 Max

Our THPS is available in different levels of active phosphorous contents to suit the different applications – giving THPS contents of 75%, 35% and 20%.

PACKING

250kg per UN approved PE drum

APPLICATIONS

- **Oilfield** - control of microbial growth in oilfield production, including control bacterial growth in hydrostatic testing for pipelines, water handling systems etc.
- **Industrial / commercial** - control of recirculating industrial cooling water systems

TRANSPORT INFORMATION

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