

Technical Data Sheet

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Item Name:

THPS

PRODUCT INFORMATION

Chinese Name:	四羟甲基硫酸磷
Commodity Name:	THPS
Chemical Name:	Tetrakis Hydroxymethyl Phosphonium Sulfate
Other Name:	Octakis (Hydroxymethyl) Diphosphonium Sulfate, Bis[Tetrakis(Hydroxymethyl)Phosphonium] Sulfate Solution
CAS No.:	55566-30-8
Molecular Weight:	406.27
Molecular Formula:	$[(CH_2OH)_4P]_2SO_4$

PRODUCT DESCRIPTION

Colorless transparent liquid, slightly acidic, easily biodegradable. Chemical properties of stability, long time storage will not affect the quality. Should be stored in a cool, ventilated warehouse, sealing preservation. Should be separated from oxide, food chemicals.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Achromaticity liquid
Content by wt %	75 min
Viscosity (25°C) by MPA·S	30.0 - 36.0
Relative density (25°C)	1.350 - 1.420
Iron (Fe) by wt %	0.002 max
pH value	2.5 - 5.5

MAIN APPLICATION

1. Used as an environmental friendly bactericide with good water solubility, low solidifying point, stable chemical performance, long shelf life, new-type, high-efficiency, wide-spectrum etc.
2. Used as an internationally acknowledged flame-retardants for pure cotton and polyester cotton and its flame-retarding effect can remain for a long time.

PACKING AND SHELF LIFE

Packing: 250kg/drum

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.