

Adi[®]THPS

生化机构有限公司
**BCI CHEMICAL
 CORPORATION
 SDN BHD**

Lot 7, Jln BS7/22,
 Tmn Perindustrian Bukit Serdang,
 Sec 7, 43300 Seri Kembangan,
 Selangor, Malaysia
 Tel: +603-8944 1288
 Fax: +603-8943 0008
 sales@bcichemical.com.my

www.bcichemical.com.my

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PRODUCT DESCRIPTION

Adi[®]THPS is a broad-spectrum biocide effective against micropest in industrial cooling systems, oil field operations, and paper-making industry. It is especially effective against sulfate-reducing bacteria (SRB) which are particularly troublesome in enhanced oil recovery operations, such as injection water treatment, top-side systems, pipeline protection and storage. The advantage is that it will soon degrade to nontoxic substance immediately after use. **Adi[®]THPS** can also be applied to fabric coating, obviously improving flame retarding property.

TYPICAL PROPERTIES

Property	Specifications
Chemical Name	Tetrakish Hydrozylmethyl Phosphonium Sulphate
Active content	75.0% Min.
pH, 1%	3.0 - 4.0
Specific gravity at 25°C	1.37 - 1.42

APPLICATION

The primary use for **Adi[®]THPS** is controlling microbial growth in oil field applications such as injection water systems, drilling muds, packer fluids, completion and workover fluids. **Adi[®]THPS** is very suitable for protecting against microbial contamination in water treatment applications such as industrial cooling water, paper and paperboard manufacturing. However, it must not be used in the manufacture of paper and paperboard products that may come in contact with food.

OTHER INFORMATION**Product dosage**

It is best to maintain 25mg/L as active of **Adi[®]THPS** in a system. For a cooling system, shut dose two to three times a week at 25mg/L would control the total bacteria count less than 1000cfu/ml.

Special Features

- Inhibits microbial growth in enhanced oil recovery systems, industrial recirculating cooling waters and non-food contact paper manufacturing
- Broad spectrum biocide against a range of algae (blue-green, green and other types such as yellow-green, brown and mustard algae), and bacteria, especially sulfate reducing bacteria (SRB)
- Miscible in all proportions with every type of water, including seawater
- Outstanding chemical stability and good compatibility with most water treatment chemicals

PACKAGING

Adi[®]THPS is packaged in 250 kg per drum.

MSDS - Material Safety Data Sheet is available upon request.