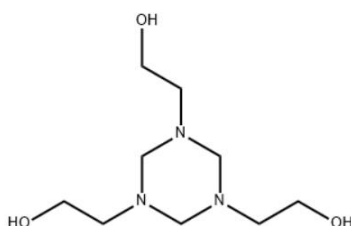


## Hexahydro-1,3,5-tris(hydroxyethyl)-s-triazine

|                          |  |                         |           |
|--------------------------|--|-------------------------|-----------|
| <b>CAS No.</b>           | 4719-04-4  | <b>EINECS No.</b>       | 225-208-0 |
| <b>Molecular Formula</b> | C <sub>9</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub> | <b>Molecular Weight</b> | 219.28    |

### Structural Formula



### Product Features

S-Triazine commonly is water-based, HHT (Hexahydrotriazine) formaldehyde sustained-release, low toxicity fungicide biocide.

S-Triazine fight bacteria and fungi in humid environment, inhibit the reproduction of microorganisms, delay spoilage due to bacterial action. Especially in high temperature environment, and can have good compatibility with anionic and cationic, non-ionic surfactants and other industrial additives. S-Triazine is effective against a wide range of microorganisms including gram positive and gram negative bacteria, yeast and fungi.

S-Triazine does not contain metal components and does not corrode metals. Suitable for neutral, weak alkaline, alkaline working environment.

S-Triazine is a new type of oilfield chemical products, the product and two major uses, one is used as hydrogen sulfide (H<sub>2</sub>S) Scavenger, the other is used as fungicide.

### Technical Specification

| Items               | Index                             |
|---------------------|-----------------------------------|
| Appearance          | Colourless or light yellow liquid |
| Active content, %   | 75.0 min                          |
| Density (20℃, g/ml) | 1.13-1.18                         |
| pH (1% water)       | 8-12                              |

## Applications & Usage

T-Triazine mainly used in oil field industry, paper industry, metal processing industry (cutting fluid, grinding fluid, calendering fluid), coating industry and electroplating industry and other industries. In addition, it can also be applied to detergents, latex paint, leather polishing agent and paper coating, oil, water and other industries of mildew and corrosion. Glaze antiseptic fungicide treatment agent, leather antiseptic fungicide and other industrial industries.

When used as H<sub>2</sub>S Scavenger, the dosage shall be determined according to the sulfur content of the oil on site.

## Package & Storage

200kg/drum or 1000Kg/IBC or customers' requirement. Please put in aeration, dryness place, do not mix it with food and seed.

Storage room in a cool place, storage period of 18 months.

## Safety Precaution

Avoid contact with eye and skin, once contacted, flush with water.

## Alternative Name / Synonyms

- 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5- triyl)triethanol (HHT)
- Hydroxyethyl hexahydro-triazine /BK fungicide
- 1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine;
- 1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol
- Triazinetriethanol