



## 1. DESCRIPTION

**Trade Name:** H2S SCAVENGER P

**Chemical Class:** Zinc-based compound

**Application:** H2S SCAVENGER in drilling fluid industry (Oil-based and Water-based Muds)

**Supplier:** TEAM Chemicals

**Telephone:** +44 (0)207 408 7700 - +98 912 3717539

**Address:** No. 43, Souri St., 43 Ashrafi Esfahani Expressway

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

### Ingredients

Name	CAS	Proportion
No hazardous material	-	-

## 3. HAZARD IDENTIFICATION

### Potential Acute Health Effects:

**SWALLOWED** May cause irritation.

**EYE** The dust may produce eye discomfort.

**SKIN** May cause irritation.

**INHALED** May cause irritation.

### Potential Chronic Health Effects:

**CARCINOGENIC EFFECTS:** Not available.

**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available.

Repeated or prolonged exposure to the substance can produce target organs

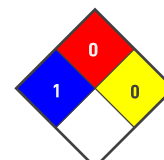
**Irritant** YES **Flammable** NO

**Carcinogenic** NO **Oxidant** NO

**Explosive** NO **Environmental Hazard** NO

**Corrosive** NO

**(Risk-Phrases)** - **(Safety-Phrases)** -





## 4. FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Inhalation:**

If dust is inhaled, remove from contaminated area.

- Encourage patient to blow nose to ensure clear passage of breathing.

**Ingestion:**

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Non-flammable.

**FIRE FIGHTING:** Not applicable.

**FIRE/EXPLOSION HAZARD:** Non combustible.

**FIRE INCOMPATIBILITY:** Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spill:**

Clean up all spills immediately.

Sweep up.

Place in suitable containers for disposal.

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container.



## 7. HANDLING AND STORAGE

### Handling Precautions:

Avoid generating and breathing dust. Avoid contact with eyes.

Avoid physical damage to containers. When handling, DO NOT eat, drink or smoke.

Keep containers securely sealed when not in use.

Wash hands with soap and water after handling.

Do not breathe dust. Keep away from incompatibles such as acids.

Storage Precautions: Use care in handling/storage. Keep containers tightly closed in a dry, cool and well-ventilated place.

### Storage Precautions:

Store in original containers. Keep containers securely sealed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE CONTROLS** Not available

### PERSONAL PROTECTION

**RESPIRATOR** Particulate

**EYE** - Safety glasses with side shields; or as required, Chemical goggles.

**HAND/FEET** Wear chemical protective gloves. eg.

**OTHER** Lab coat -Eyewash unit ·

### ENGINEERING CONTROLS

Use in a well-ventilated area.

- Local exhaust ventilation is required where solids are handled as powders or crystals; even when particulates are relatively large, a certain proportion will be powdered by mutual friction.

- Exhaust ventilation should be designed to prevent accumulation and recirculation of particulates in the workplace

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical state and appearance:** powder

**Color:** White

**Odor:** Odorless

**pH:** 9-10.5

**Boiling Point:** Not available

**Melting/Freezing Point:** Decomposes

**Specific Gravity:** 3.5-4.3

**Solubility (Water):** Very slightly soluble in water.



Tiam Earth Advanced Materials

Revision No.: 6.2  
Revision Date: 20.04.2021  
Document Code: TE-101-207



## Material Safety Datasheet

# H2S SCAVENGER P

[www.teamchem.co](http://www.teamchem.co)

### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Avoid wet and humid conditions

**Materials to Avoid:** Reactive with acids.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Non-corrosive in presence of glass.

### 11. TOXICOLOGICAL INFORMATION

Not Available.

**Chronic Effects:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

### 12. ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation** The products of degradation are more toxic.

### 13. DISPOSAL CONSIDERATION

**WASTE MANAGEMENT:** Not Determined

**DISPOSAL METHODS:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14. TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).

### 15. REGULATORY INFORMATION

**Classification:**

Not classified as hazardous.

**Poisons Schedule (SUSMP):** None allocated.

This material is listed on the international standard such as OHSAS 18001:2007.CAS: 12198-92-4.



Tiam Earth Advanced Materials

Revision No.: 6.2  
Revision Date: 20.04.2021  
Document Code: TE-101-207



## Material Safety Datasheet

# H2S SCAVENGER P

[www.teamchem.co](http://www.teamchem.co)

### 16. ADDITIONAL INFORMATION

#### Reason(s) for Issue:

- 3 Yearly Revised Primary MSDS
- Update in Toxicological Information
- Update in Ecological Information

This MSDS summaries to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. TEAM Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.



Tiam Earth Advanced Materials

**Address:** No. 43, Souri St., 43 Ashrafi Esfahani Expressway

**Telephone:** +44 (0)207 408 7700 - +98 912 3717539

**Email:** [sales@teamchem.co](mailto:sales@teamchem.co)

**Website:** [www.teamchem.co](http://www.teamchem.co)

**LinkedIn:** [linkedin.com/company/team-chemicals/](https://www.linkedin.com/company/team-chemicals/)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. TEAM Chemicals and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

© Tiam Earth Advanced Materials- All rights reserved.