



# Material Safety Datasheet

## SHALE INHIBITOR PRO

### 1. DESCRIPTION

**Trade Name:** SHALE INHIBITOR PRO

**Chemical Name:** -

**Application:** Shale Inhibitor

**Supplier:** TEAM Chemicals

**Telephone:** +44 (0)207 408 7700 - +98 912 371 7539

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

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients

INGREDIENT NAME:	CAS No:	CONTENTS:
Not containing any harmful ingredients	-	-

### 3. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

Vapors may be irritating to eyes, nose, throat, and lungs. Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

#### Potential Acute Health Effects:

Eye and skin contact can result in irritation.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Potential Chronic Health Effects:

**CARCINOGENIC EFFECTS:** Not available.

**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available.

Repeated or prolonged exposure is not known to aggravate medical condition

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

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

**Explosive** NO **Environmental Hazard** YES **Corrosive** NO

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





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### 4. FIRST AID MEASURES

**Eye Contact:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Inhalation:** Move the exposed person to fresh air at once. If respiratory problems, artificial respiration/oxygen. Get medical attention.

**Ingestion:** DO NOT induce vomiting if swallowed. Danger of aspiration and development of chemical Pneumonia. Get medical attention. Drink plenty of water.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** Alcohol foam. Dry chemical, carbon dioxide.

**FIRE FIGHTING** Cool containers exposed to flames with water until well after the fire is out

**FIRE/EXPLOSION HAZARD** Do not use a solid water stream as it may scatter and spread fire.

**PERSONAL PROTECTION** Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6. ACCIDENTAL RELEASE MEASURES

#### Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

#### Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Dike far ahead of larger spills for later disposal. Absorb spillage with suitable absorbent material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### 7. HANDLING AND STORAGE

#### Handling Precautions:

Do not use contact lenses. Avoid contact with eyes. Avoid inhalation of vapors. Provide good ventilation.

#### Storage Precautions:

Store in tightly closed original container in a cool, dry well-ventilated place.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE CONTROLS

Chemical Name	TWA	STEL	Peak
Not any harmful ingredient	-	-	-

**PERSONAL PROTECTION** Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**RESPIRATOR** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**EYE** Chemical goggles. Face shield may be required for supplementary but never for primary protection of eyes.

**HAND/FEET** Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical state and appearance:** Clear Liquid

**Odor:** Mild amine odor

**pH:** 8-9

**Boiling Point:** >200°C

**Melting/Freezing Point:** Not available

**Flash Point:** >100°C

**Specific Gravity:** 1-1.1

**Solubility:** Soluble in water

## 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** excess heat

**Materials to Avoid:** Reactive with oxidizing agents

**Special Remarks on Reactivity:** Upon decomposition this product emits acrid dense smoke with carbon dioxide, carbon monoxide

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



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### 11. TOXICOLOGICAL INFORMATION

**Eye Contact** Irritating

**Skin Contact** Prolonged contact may cause dryness of the skin. May be absorbed through the skin. Prolonged contact may cause redness, irritation and dry skin. Liquid may irritate skin

**Inhalation** Gas or vapor in high concentrations may irritate respiratory system.

**Ingestion** Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Central nervous system depression. Danger of aspiration and development of chemical pneumonia.

**Chronic effects** Irritating to eyes. Repeated exposure may cause chronic skin and eye irritation

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** According to the results of tests of biodegradability this product is considered as being readily biodegradable.

### 13. DISPOSAL CONSIDERATION

**Disposal Method** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14. TRANSPORT INFORMATION

DOT Classification: Not regulated.

### 15. REGULATORY INFORMATION

**Classification** Based on available information, it is not a HAZARDOUS CHEMICAL.

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

This material is listed on the international standard such as OHSAS 18001:2007.



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### 16. ADDITIONAL INFORMATION

Yearly Revised Primary MSDS

Update in Toxicological Information

Update in Ecological Information

This MSDS summarizes 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 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.



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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.

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