



## 1. DESCRIPTION

**Trade Name:** HOLE-CLEANING POLYMER

**Chemical Name:** POLYMER

**Application:** HOLE-CLEANING POLYMER in drilling fluids

**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

Material	CAS-No	%
Contains no hazardous ingredients [Manufacturer]	-	-

## 3. HAZARD IDENTIFICATION

None under normal operating conditions.

### Potential Acute Health Effects:

#### SWALLOWED

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

#### EYE

If this product comes in contact with eyes:

- Wash out immediately with water.

#### SKIN

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).

#### INHALED

If fumes or combustion products are inhaled remove from contaminated area.

### Potential Chronic Health Effects:

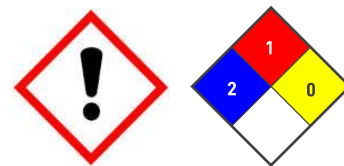
Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts.



## Material Safety Datasheet

**HOLE-CLEANING POLYMER**

**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:**

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel

**Skin Contact:**

Brush off dust.

If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

**Inhalation:**

If dust is inhaled, remove from contaminated area.

- Encourage patient to blow nose to ensure clear breathing passages.
- Ask patient to rinse mouth with water but to not drink water.
- Seek immediate medical attention.

**Ingestion:**

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.



## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA** There is no restriction on the type of extinguisher which may be used.

### FIRE FIGHTING

Wear breathing apparatus plus protective gloves.

- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- Prevent, by any means available, spillage from entering drains or water course.

### FIRE/EXPLOSION HAZARD

- Solid which exhibits difficult combustion or is difficult to ignite.

Dry dust can also be charged electrostatically by turbulence, pneumatic transport, pouring, in exhaust ducts and during transport.

- Build-up of electrostatic charge may be prevented by bonding and grounding.
- Powder handling equipment such as dust collectors, dryers and mills may require additional protection measures such as explosion venting.

**PERSONAL PROTECTION** Gloves **When handling larger quantities:** PVC chemical resistant type.

## 6. ACCIDENTAL RELEASE MEASURES

### Small Spill:

- Clean up all spills immediately.
- Control personal contact by using protective equipment.

### Large Spill:

- Clear area of personnel and move upwind.
- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.

Cover and move the containers.

Be aware of the potential for surfaces to become slippery when wet.

## 7. HANDLING AND STORAGE

### Handling Precautions:

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE CONTROLS** Not Available

### PERSONAL PROTECTION

**RESPIRATOR** Respiratory protection must be used if air contamination exceeds acceptable level.

**EYE** No special equipment for minor exposure i.e. when handling small quantities.

**HAND/FEET** No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, eg. PVC.'

**OTHER** Overalls. Eyewash unit.

### ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions. None required when handling small quantities. If exposure to workplace dust is not controlled, respiratory protection is required; wear SAA approved dust respirator.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Physical state and appearance:** Powder

**Color:** White to yellow granular powder

**Odor:** Odorless

**pH:** 5.5-8

**Boiling Point:** Not applicable

**Melting/Freezing Point:** Not applicable

**Specific Gravity:** 1-1.5

**Solubility (Water):** Soluble

## 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** hazardous polymerization will not occur.

**Materials to Avoid:** hazardous polymerization will not occur.

**Special Remarks on Reactivity:** None

**Special Remarks on Corrosivity:** None

## 11. TOXICOLOGICAL INFORMATION

The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion".

## 12. ECOLOGICAL INFORMATION

Aquatic Data: Acute (salmo gairdnerii) LC50: 320-560 ppm/96hrs Acute (daphnia magna) LC50: 980 mg/l/48hrs



## Material Safety Datasheet

**HOLE-CLEANING POLYMER****13. DISPOSAL CONSIDERATION**

**WASTE MANAGEMENT:** - Recycle wherever possible or consult manufacturer for recycling options.

**DISPOSAL METHODS:** - Consult State Land Waste Management Authority for disposal.

- Bury residue in an authorized landfill.
- Recycle containers if possible, or dispose of in an authorized landfill.

**14. TRANSPORT INFORMATION**

**U.S. DOT** NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADR, IATA, IMDG

**U.S. DOT CLASS:** Not determined

**Shipping Description:** None under normal operating conditions.

**15. REGULATORY INFORMATION**

**Classification:** Toxicity: refer to section 11 and 12.

**Poisons Schedule (SUSMP):** None

**REGULATIONS** This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable – : 67/548/EEC, 1999/45/EC, 76/769/EEC, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC, 1999/13/EC, as well as the following British legislation:

- The Control of Substances Hazardous to Health Regulations (COSHH) 2002
- COSHH Essentials

**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.