



MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

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**PRODUCT NAME: DRILL-TERGE™****Section I MANUFACTURER'S INFORMATION****MANUFACTURER'S NAME & ADDRESS:**

**CETCO – Drilling Products Group**  
**1500 West Shure Drive**  
**Arlington Heights, IL 60004**

**Date Prepared: January 1, 2007****Telephone Number: 847-392-5800 Fax: 847.506.6150****EMERGENCY CONTACT: CHEMTREC 800-424-9300****E-mail: www.cetco.com****Section II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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THIS PRODUCT DOES NOT CONTAIN ANY HAZARDOUS INGREDIENTS  
 REPORTABLE FOR SARA, TITLE III SECTION 313

**PRODUCT IDENTIFICATION**

CHEMICAL NAME: Liquid solution of nonionic surfactants.

NFPA/HMIS: Health - 1, Fire - 0, Reactivity - 1, Specific Hazard - See Section VI

DOT Class: Not Regulated

**Section III PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point	- Approx. 190°F	Specific Gravity (H <sub>2</sub> O = 1) - 1.080
Vapor Pressure (mm Hg.)	- Not Applicable	Melting Point - Not Applicable
Vapor Density (AIR = 1)	- Heavier than air	Evaporation Rate (Butyl Acetate = 1) - Slower than Ether
Solubility in Water	- Complete	
Appearance and Odor	- Clear blue liquid with mild odor.	

**Section IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used) - Not flammable  
 Flammable Limits - Not Applicable LEL- -Not Applicable UEL- - Not Applicable  
 Extinguishing Media - CO<sub>2</sub>, dry chemical, foam or water. Class A, BC or ABC extinguishers.  
 Special Fire Fighting Procedures - Water can be used to cool containers adjacent to fire.  
 Unusual Fire/Explosion Hazards - Pressure may develop in closed containers if temperature over 190°F is achieved.

**Section V REACTIVITY DATA**

Stability - Stable Conditions to Avoid - None Known  
 Incompatibility (Materials to Avoid) - Strong oxidizing agents or anything reactive with water.  
 Hazardous Decomposition or By-products - CO, CO<sub>2</sub>, ammonia and smoke.  
 Hazardous Polymerization - Will Not Occur Conditions to Avoid - None Known

**Section VI HEALTH HAZARD DATA**

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic):

Eyes: Contact will be painful and irritating.

Skin: Prolonged contact may cause irritation.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Emergency and First Aid Procedures:

Eyes: Flush with water for at least 15 minutes; get medical attention if needed.



# MSDS

Skin:	Remove any contaminated clothing. Flush with water.
Inhalation:	Remove to fresh air. If symptoms persist, contact a physician immediately.
Ingestion:	Contact a physician immediately.



# MSDS

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**Section VII PRECAUTIONS FOR SAFE HANDLING AND USE**

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Steps to be Taken in Case Material is Released or Spilled:

Flush with water or soak up with sweeping compound or sand and transfer to a disposal container.

Waste Disposal Method:

Use methods which meet all federal, state and local regulations.

Precautions to Be Taken in Handling and Storing:

Store in cool, well ventilated area.

Other Precautions:

Do not take internally or inhale vapors. Avoid eye contact.

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**Section VIII CONTROL MEASURES**

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Respiratory Protection (Specify Type) - Not normally needed. However, if strong fumes are present, use a NIOSH or MSHA approved gas mask for organic vapors.

Ventilation	- Local Exhaust	- Preferable	Special	- None
	- Mechanical (General)	- Acceptable	Other	- None

Protective Gloves - Recommend plastic or rubber gloves.

Eye protection - Recommend, face shield or chemical safety goggles.

Other Protective Clothing or Equipment: Usually not needed unless splashing is excessive.

Work/Hygienic Practices: Use good housekeeping practices.

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