



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** Drilling Detergent **Emergency Contact:** (856) 206-0058  
**Product ID#:** DTG-100 **Bio-based Detergent** [www.inventekcleaners.com](http://www.inventekcleaners.com)  
**Manufactured by:** InventeK Colloidal Cleaners, LLC. 106 Gaither Drive Mount Laurel, NJ 08054  
**General Information:** (856) 206-0058 **Technical Assistance:** (856) 206-0058 **Fax Number:** (856) 206-0094

## Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Filtered Water	7732-18-5	NE	NE	Prop.
Videt NQ3	Compound	NE	NE	Prop.
EcoSurf EH9	64336-70-7	NE	NE	Prop.
Coconut Oil	8001-31-8	NE	NE	Prop.
Palm Oil	8002-75-3	NE	NE	Prop.
Tween 85	9005-70-3	NE	NE	Prop.
Potassium Sorbate	24634-61-5	NE	NE	Prop.

## Section 3: Hazards Identification

Emergency Overview
<b>Appearance and Odor:</b> Slightly Viscous Liquid, Amber, Faint Odor
No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

**Eyes:** No evidence of Adverse effect **Skin and Skin Absorption:** No evidence of Adverse effect  
**Inhalation:** No evidence of Adverse effect **Potential Health Effects:** No evidence of Adverse effect  
**Ingestion:** No evidence of Adverse effect **Chronic Effects:** No evidence of Adverse effect  
**Medical Conditions Aggravated by Exposure:** None Known

## Section 4: First Aid Measures

**EYES:** No Evidence of Adverse Effects **SKIN & SKIN ABSORPTION:** No Evidence of Adverse Effects  
**INHALATION:** No Evidence of Adverse Effects **POTENTIAL HEALTH EFFECTS:** No Evidence of Adverse Effects  
**INGESTION:** No Evidence of Adverse Effects **CHRONIC EFFECTS:** No Evidence of Adverse Effects  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None Known **NOTE TO PHYSICIANS:** No Specific Instructions  
 See Section 11 for Toxicology and Carcinogenicity information on product ingredients

## Section 5: Fire Fighting Measures

**Flash Point:** None (TCC) **Autoignition Temperature:** NE **Explosion Sensitivity to Static Discharge.:** None  
**UEL:** NA **Explosion Sensitivity to Impact:** None **Products of Combustion:** None  
**LEL:** NA **Protection to Firefighters:** No special Precautions needed.  
**Suitable Extinguishing Media:** This Material will not burn. Use extinguishing media appropriate for surrounding fire.

## Section 6: Accidental Release Measures

**Personal Precautions:** Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.  
**Methods for Containment and Cleanup:** Rinse area thoroughly with water. This product is safe to wash into waste systems.

## Section 7: Handling and Storage

**Handling procedures:** No Special procedures needed.  
**Storage Procedures:** Store in a cool, well ventilated area. Avoid low temperatures.

## Section 8: Exposure Controls / Personal Protection

Exposure Guidelines:	OSHA		ACGIH		OTHER			
	Component	TWA	STEL	TWA	STEL	TWA	Source	Unit
<b>Engineering Controls:</b> None Required								
<b>Respiratory Protection:</b> None Required								
<b>Eye / Face Protection:</b> None Required								
<b>Skin Protection:</b> None Required								
<b>Gloves:</b> None Required								
<b>Other Safety Equipment:</b> None Required								
	All other components have vacated values for exposure or hazard due to denaturing when added to the proprietary base compound.							
	NE=Not Established		C= Ceiling		S=Skin		V= Vacated	

## Section 9: Physical and Chemical Properties

**Physical State:** Liquid **Freezing Point:** 25° F  
**Specific gravity:** 1.001 **Color:** Amber **Evaporation Rate:** NE  
**Initial Boiling Point:** 214° F **Odor:** Faint Odor **Vapor Density:** NE  
**Solubility in Water:** Complete **pH:** 5.4 **Vapor Pressure:** NE  
**Volatile Organic Compounds:** VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59  
 Estimated tested amount per product = <1mm/Hg

## Section 10: Stability and Reactivity

**Stability:** Stable **Compatibility Materials:** None Known **Conditions to avoid:** None **Hazardous decomposition Products:** None

## Section 11: Toxicological Information

**Irritancy of Product:** None **ACGIH (A1, A2 or A3):** None **Acute Exposure Effects:** None  
**IARC Monographs:** None **OSHA Regulated:** No **Embryotoxicity:** None **Mutagenicity:** None **Chronic Effects:** None **Teratogenicity:** None  
**Skin Sensitization:** None **Respiratory Sensitization:** None **Reproductive Toxicity:** None **Name of Synergistic Product or Effect:** None  
**Carcinogenicity:** This Product does not contain any known or suspected human carcinogens

## Section 12: Ecological Information

**Ecotoxicity / Aquatic Toxicity:** None **Persistence / Degradability:** Readily Biodegradable

## Section 13: Disposal Considerations

**Chemicals contained are not listed as hazardous waste.** Safe to wash into waste systems.  
 Always dispose as per Federal, State or local regulations.

## Section 14: Transport Information

**Proper Shipping Description:** US DOT: None **PIN:** None **TDG:** None **Special Provisions:** None

## Section 15: Regulatory Information-U.S. Federal

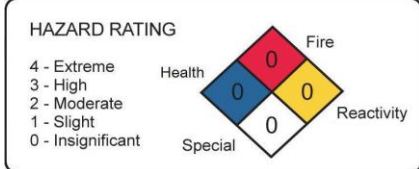
**Toxic Substance Control Act:** All ingredients are exempt.  
**Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA)** Reportable Quantities (RQ's) for the following Ingredients: None  
**Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and LocaAgencies**  
**Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS):** None **Other Regulatory Info.:** None

This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None

**State regulations:** This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None  
**State Right To Know** Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None Clean Air Act: None

## Section 16: Other Information

**(HMIS) Health: 0 Flammability: 0 Reactivity: None PPE: None**  
**Prop.:** Proprietary **Keys to abbreviations:** TCC: Tags Closed Cup NE: Not Established  
**CAS:** Chemical Abstract Service **NA:** Not Applicable **ppm:** Parts per Million **mg:** Milligram  
**OSHA:** Occupational Safety & Health Administration **TLV:** Threshold limit Value **ml:** Milliliter  
**PPE:** Personal protective Equipment **ND:** Not Determined **TWA:** Time Weighted Average **kg:** Kilogram  
**PMCC:** Pensky-Martins Closed Cup **g/L:** Grams per liter **lbs. / gal:** Pounds per Gallon **gr:** Gram  
**NIOSH:** National Institute of Occupational Safety & Health **STEL:** Short Term Exposure Limit **k:** 1000  
**ACGIH:** American Conference of Government Industrial Hygienists **PEL:** Permissible Exposure Limit



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