



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** Mud and Frac Tank Cleaner **Emergency Contact:** (856) 206-0058  
**Product ID#:** MFC-1201 **Bio-based Cleaner** [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. |
|-------------------------|------------|------------------|-------|-------|
| Coconut Fatty Acid      | 61788-47-4 | NE               | NE    | Prop. |
| Corn/ Coconut Oil Blend | NA         | NE               | NE    | Prop. |
| Tween 85                | 9055-70-3  | NE               | NE    | Prop. |
| Biosoft N91-8           | 68439-46-3 | 1400mg/kg        | NE    | Prop. |
| Glucopon 215 UP         | 68515-73-1 | >5000 mg/kg      | NE    | Prop. |
| D-Glycopyranoside hexyl | 54549-24-5 | >3000 mg/kg      | NE    | Prop. |

## Section 3: Hazards Identification

| Emergency Overview   |
|--|
| <b>Appearance and Odor:</b> Slightly Viscous Liquid, Dark Amber, Soapy 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 |
| Engineering Controls: None Required   |  |     |            |     |        |     |            |      |
| Respiratory Protection: None Required |  |     |            |     |        |     |            |      |
| Eye / Face Protection: None Required  |  |     |            |     |        |     |            |      |
| Skin Protection: None Required        |  |     |            |     |        |     |            |      |
| Gloves: None Required                 |  |     |            |     |        |     |            |      |
| Other Safety Equipment: 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:** 0.991 **Color:** Dark Amber **Evaporation Rate:** NE  
**Initial Boiling Point:** 214° F **Odor:** Soapy Odor **Vapor Density:** NE  
**Solubility in Water:** Complete **pH:** 7.0-9.8 **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 **Embroyotoxicity:** 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

**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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Prepared by: Paul N. Andrecola Ph. D., Ch. E., P.E. Phone: (856) 206-0058 Changes since last Revision: Chart update Revision Date: 3/7/2014