



# MATERIAL SAFETY DATA SHEET



## SECTION 1: Product And Company Identification

**Product Name:** Fire Suppressant **Emergency Contact:** (856) 206-0058  
**Product ID#** FS-501 **Bio-based Fire Suppressant** [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	>99,999ml/kg	NE	Prop.
Coconut Fatty Acid	61788-47-4	NE	NE	Prop.
Coconut Oil	8001-31-8	NE	NE	Prop.
Palm Oil	8002-75-3	Not determined	NE	Prop.
Potassium Sorbate	590-00-1	NE	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, Light 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

Engineering Controls:	Respiratory Protection:	Eye / Face Protection:	Skin Protection:	Gloves:	Other Safety Equipment:	Exposure Guidelines:								
						OSHA PEL:	ACGIH TLV:	OSHA		ACGIH		OTHER		
None Required	None Required	None Required	None Required	None Required	None Required	NE	NE	TWA	STEL	TWA	STEL	TWA	Source	Unit
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

**Specific gravity:** 0.991 **Color:** Light Amber **Freezing Point:** 25° F  
**Initial Boiling Point:** 214° F **Odor:** Faint Odor **Evaporation Rate:** NE  
**Solubility in Water:** Complete **pH:** 9.9-10.7 **Vapor Density:** 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** **Vapor Pressure:** NE

## Section 10: Stability and Reactivity

**Stability:** Stable **Conditions to avoid:** None **Possibility of Hazardous Reaction:** None Known  
**Incompatible Materials:** None Known **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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