

SECTION 1: Product And Company Identification

Product Name: Gel Fragment Emulsifier	Emergency Contact: (856) 206-0058
Product ID#: GFE-002	www.inventekcleaners.com
Manufactured by: Inventek Colloidal Cleaners, LLC.	Bio-based Frac Water Treatment 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.
Isopropyl Alcohol	67-63-0	12,800 mg/kg	NE	38%
Eco-Friendly Surfactant	Proprietary	NE	NE	47.5%
Acetic Acid	64-19-7	3310 mg/kg	NE	9.5%
EH-6 Ecosurf™ Surfactant	64366-70-7	>3000 mg/kg	NE	5%

Section 3: Hazards Identification

Appearance and Odor: Slightly Viscous Liquid, Dark Amber, Alcohol, Vinegar Odor

No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.

* All natural plant ingredients which may include cactus, dandelion and sunflower extracts.

Potential Health Effects:

Eyes: No evidence of Adverse effect	Skin and Skin Absorption: No evidence of Adverse effect	See section 11 for toxicology and carcinogenicity on Product Ingredients.
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	See Section 11 for Toxicology and Carcinogenicity information on product ingredients
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	

Section 5: Fire Fighting Measures

Flammable Properties: As defined by OSHA, this product is non-flammable

Flash Point: >150 F	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. Environmental Precautions: None required

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

Component	OSHA				ACGIH		OTHER	
	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								
	NE=Not Established		C= Ceiling		S=Skin		V= Vacated	

Section 9: Physical and Chemical Properties

Physical State: Liquid	Pour Point: -(28°) F
Specific gravity: 0.911	Viscosity Index: >300
Initial Boiling Point: 214° F	Bio-Degradability %: >90
Solubility in Water: Complete	Suggested Operating Range: Zero to 150 F
Volatile Organic Compounds: VOC levels of DDC by weight of the compound do not exceed 5% in accordance with 40 CFR parts 9 and 59	Estimated tested amount per product = <1mm/Hg

Section 10: Stability and Reactivity

Stability: Stable Incompatible 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 Local Agencies

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

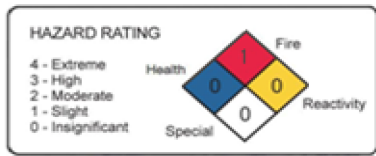
State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

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



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