

## SAFETY DATA SHEET

### Section 1 PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PureAg® BioSURF Hydrocarbon Degradier  
**PRODUCT USE:** Hydrocarbon Remediation Agent  
**SUPPLIER:** PureAg® LLC  
 4045 South West Temple  
 Salt Lake City, Utah 84107  
 www.pureagproducts.com  
 801-651-3201  
**EMERGENCY:** 801-651-3201

### Section 2 HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Color:** Milky White  
**Physical State:** Liquid  
**Odor:** Citrus

**Hazards of Product:** OSHA Hazard Communication Standard  
 This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910-1200

#### POTENTIAL HEALTH EFFECTS

**Eye Contact:** May cause mild transient irritation. Not classified.  
**Skin Contact:** Not classified as a skin irritant.  
**Skin Absorption:** No evidence of adverse effect.  
**Inhalation:** No evidence of adverse effect.  
**Ingestion:** May cause mild transient gastrointestinal irritation.  
**Aspiration Hazard:** No evidence of adverse effect.

### Section 3 COMPOSITION INFORMATION

**GENERAL CHEMICAL DESCRIPTION:** An aqueous-water based solution.  
 Alkyl Polyglucoside: C9-11 6%  
 Water: 89%  
 Bacterial Cultures (non hazardous): 5%

### Section 4 FIRST AID MEASURES

**General Advice:** First Aid responders should pay attention to self-protection and use the recommended protective clothing. If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** No evidence of adverse effect.  
**Skin Contact:** No evidence of adverse effect.  
**Eye Contact:** Flush eyes with water for 5 minutes.  
**Ingestion:** Do not induce vomiting. Drink several glasses of water. Seek medical attention if further problems occur.

**Medical Conditions Aggravated by Exposure:** None known

**Personal Precautions:** Evacuate area as the floor may be slippery. Use care to prevent slipping and falling.

### Section 5 FIRE FIGHTING MEASURES

**Environmental Precautions:** None required.  
**Suitable Extinguishing Media:** This material will not burn.  
**Methods for Containment and Cleanup:** Rinse area thoroughly with water. Use extinguishing media appropriate for surrounding fire.  
**Flammable Properties:** As defined by OSHA, this product is non-flammable.

**Protection to Firefighters:** No special precautions needed.

### Section 6 ACCIDENTAL RELEASE MEASURES

### Section 7 HANDLING AND STORAGE

**Handling Procedures:** No special procedures required.  
**Storage Procedures:** Store in cool, well ventilated area. Do not exceed 130°F or below 20°F.

### Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** None Established.  
**Engineering Controls:** Non Required.  
**Respiratory Protection:** Non Required.  
**Eye/Face Protection:** Non Required. May use protective eye wear.  
**Skin Protection:** Non Required.  
**Gloves:** Non Required.  
**Other Safety Equipment:** Non Required.

### Section 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, translucent  
**Color:** Milky White  
**Odor:** Mild Citrus  
**Odor Threshold:** No test data available  
**pH:** 6.9 - 7.2  
**Melting Point:** Not applicable to liquids  
**Freezing Point:** -4° C (25°F)  
**Boiling Point:** 212°F  
**Evaporation Rate:** No test data available  
**Flammability (solid,gas):** Not applicable to liquids

#### FLAMMABLE LIMITS IN AIR

**Lower:** N/A  
**Upper:** N/A  
**Autoignition Temperature:** No test data available  
**Explosion Sensitivity to Impact:** No test data available  
**Explosion Sensitivity to Static Discharge:** None  
**Vapor Pressure:** <0.01 mmHg Estimated  
**Vapor Density (air = 1):** MM/HG: <0.01 @ 20°C  
**Specific Gravity (H<sub>2</sub>O = 1):** H<sub>2</sub>O=1 1.00 +/- .01  
**Solubility in Water (by Weight):** Complete, all proportions  
**Decomposition:** No test data available  
**Oxidizing Properties:** No test data available  
**Molecular Weight:** No test data available

### Section 10 STABILITY AND REACTIVITY

**Reactivity:** Strong oxidizing agents and strong acids  
**Chemical Stability:** Stable at typical use temperatures.  
**Possibility of Hazardous Reactions:** None known  
**Incompatible Materials:** None known  
**Hazardous Decomposition Products:** None

### Section 11 TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**Ingestion:** None known  
**Dermal:** None known  
**Inhalation:** None known

**Eye Damage/Eye Irritation:** Not irritating (experiment). Draize Test  
**Skin Corrosion/Skin Irritation:** Not irritating (experiment). Draize Test

#### SENSITIZATION

**Skin:** No evidence of adverse effects.  
**Respiratory:** No evidence of adverse effects.

**Section 12  
ECOLOGICAL INFORMATION**

**Acute Fish Toxicity:** LC>1 - <= 10 mg Product/Liter (analogy)  
**Acute Bacterial Toxicity:** ECO > 100 mg Product/Liter (analogy)  
**Primary Degradation:** The bio-surfactants contained in this product are

**Section 13  
DISPOSAL CONSIDERATIONS**

Chemicals contained are not listed as hazardous waste. This product is safe to wash into waste systems. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. As your supplier, we have no control over the management practices or manufacturing processes of parties handling or using this material. The information presented here pertains only to the product as shipped in its intended condition as described in SDS Section: Composition Information.

**Section 14  
TRANSPORT INFORMATION**

**DOT Non-Bulk:** Not regulated  
**DOT Bulk:** Not regulated  
**IMDG:** Not regulated  
**ICAO/IATA:** Not regulated

**Section 15  
REGULATORY INFORMATION**

This product is a "Non-Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910-1200.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 311 and 312**

**IMMEDIATE (ACUTE) HEALTH HAZARD:** No  
**DELAYED (CHRONIC) HEALTH HAZARD:** No  
**FIRE HAZARD:** No  
**REACTIVE HAZARD:** No  
**SUDDEN RELEASE OF PRESSURE HAZARD:** No

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-To-Know Act of 1986) Sections 313**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Special Hazardous Substances List**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm at levels which would require a warning under the statute.

**U.S. Toxic Substances Control Act**

All components of the product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40CFR 720.30.

**Section 16  
OTHER INFORMATION**

**PRODUCT LITERATURE**

Information on this product and other products we offer can be found on our website. Consult your PureAg professional if you require additional information.

**KEY TO ABBREVIATIONS:**

**Prop.:** Proprietary  
**CAS:** Chemical Abstract Service  
**PPE:** Personal Protective Equipment  
**NE:** None Established  
**N/A:** Not Applicable  
**TTC:** Tag Closed Cup  
**OSHA:** Occupational Safety and Health Administration.



**HAZARD RATING:**

4 Extreme  
 3 High  
 2 Moderate  
 1 Slight  
 0 Insignificant

The information contained in this document applies to the specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of PureAg® LLCs' knowledge or obtained from sources PureAg believes to be accurate. Before using any product, read all warnings and instructions on the label.

SDS preparation: 07/14/20  
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