

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Oil Remediation		WHMIS Classification Not classified - Nonhazardous	
Product Description DETERGENT, BIODEGRADABLE			
Product Use Cleaning and Bioremediation			
Product Formulation Name OE1			
Chemical Family Biological Mixture and surfactants as detergent & bioremediation solution			
Manufacturer's Name ; Ameripolish			
Street Address 120 Commercial Ave			
City Lowell	State AR		
Zip Code 72712	Emergency Telephone 18005929320		
Date MSDS Issued 09/13/2012	MSDS Reference No. TSC 00001	Date Revised 04/01/2010	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD 50 of Ingredient <i>specify species and route</i>	LC ₅₀ of Ingredient (<i>specify species</i>)
Ethylene Glycol Mono Butyl Ether	<0.1	111-76-2	Oral rat LD50: 470 mg/kg;	Inhalation rat LC50: 450ppm/4H
			Skin rabbit LD50: 220 mg/kg	
			investigated as a tumorigen, mutagen, reproductive effector	

SECTION 3 — HAZARDS IDENTIFICATION

<p>Route of Entry</p> <p>Skin Contact – May cause irritation with redness at concentrated product level</p> <p>Eye Contact – May cause moderate irritation with tearing, redness, swelling (concentrated product)</p> <p>Inhalation – No effects under normal use according to instructions</p> <p>Ingestion – May be a health hazard if ingested in large quantities</p>
<p>Emergency Overview Non-hazardous, completely soluble in water, non-flammable</p>
<p>WHMIS Symbols Health: 1, slight FIRE: 0 REACTIVITY: 0 PERSONAL PROTECTION: 1</p>
<p>Potential Health Effects - None known</p>

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SECTION 4 — FIRST AID MEASURES

Skin Contact – Wash exposed areas with mild soap and water
Eye Contact – Flush eyes with clean water for 15 minutes. If irritation persists seek medical attention.
Inhalation – No known effects
Ingestion – Get immediate medical attention due to surfactant content

SECTION 5 — FIRE FIGHTING MEASURES

Flammable Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, under which conditions? None – No flammable components		
Means of Extinction	N/A – Not flammable		
Flashpoint (° C) and Method	N/A	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Auto ignition Temperature (°C)	N/A	Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products None known			
[NFPA] Fire fighting procedures where product may be present – Proper respiratory equipment to protect against hazardous effects of combustion byproducts is recommended			

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Small or large spill Contain material by blocking runoff or use of adsorbent material or sponge material

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Use appropriate personal protective equipment as specified in Section 8. Handle in a normally ventilated area.
Storage Requirements Store pails, drums, or totes in cool dry area with ventilated conditions. Protect from freezing.

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SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

OSHA Hazardous components (29 CFR 1910.1200)				
Hazardous Component Exposure Limits ACGIH TLV - Ethylene Glycol Mono butyl Ether - 100 PPM		OSHA PEL - 100 PPM		
Personal Protective Equipment	X Gloves	X Respirator - N/A	X Eye	X Footwear X Clothing
If checked, please specify type - Gloves - Latex, Rubber, Polypropylene				
Eyes and Face - Wear safety glasses with side shields or goggles when handling this material				
Skin - To prevent skin contact wear long sleeve uniform or apron when handling this material				
Respiratory - Use NIOSH / MSHA approved respirators when vapors or mist concentration exceed permissible exposure limits for this material				
Protective Clothing - Chemical resistant shoes, apron as necessary to prevent contamination of clothing and skin contact when handling this material				

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odor and Appearance Fragrances added, characteristic Yellow to brawn clear liquid	Odor Threshold (ppm) N/A
Specific Gravity 1.03 - 1.08	Vapor Density (air = 1) N/A	Vapor Pressure (mmHg) N/A
Evaporation Rate N/A	Boiling Point (° C) 100	Freezing Point (° C) 0
pH 11.0 - 13.5	Percent Volatiles 0 (No VOC content)	Solubility in Water 100%, infinite

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	X Yes No	If no, under which conditions?
Hazardous Polymerization NO		Incompatible Materials Chlorine
Conditions to Avoid Freezing Temperatures		
Hazardous Decomposition Byproducts N/A - None		

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SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure – Not Determined
Acute Oral LD50 – Not determined
Acute Dermal LD50 – Not determined
Effects of Chronic Exposure – None known

SECTION 12 — ECOLOGICAL INFORMATION

Environmental When released into the soil, these materials will biodegrade without environmental impact. When released into water, this material biodegrades without negative impact to biological oxygen demand (BOD). This material has no significant bio-concentration factor (BCF) due to complete solubility in water. This material is not expected to significantly bio-accumulate. When released into the air, this material has no impact.
Environmental Toxicity: This material is not expected to be toxic to aquatic life.
Use this product in accordance with good working practice. Report large spills.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal
Whatever cannot be saved for recovery or recycling should be managed in an appropriate manner or by diluting with water. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
The hazardous combination of this product with other wastes should be evaluated and disposed of by proper disposal methods in accordance with federal, state and local requirements.

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SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information	DOT – Not Regulated, non-corrosive, non-irritating
TDG – Not Regulated; Non Hazardous	
IMO / IDMG Not Regulated; Not Classified as dangerous	ICAO / IATA Not Regulated; Not Classified as dangerous
Proper Shipping Name – Detergent Liquid	Packaging Group - III

SECTION 15 — REGULATORY INFORMATION

<p>SARA TITLE III</p> <p>The Superfund Amendments and Reauthorization act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories:</p> <p>This product and / or its components are listed on the Toxic Substances Control Act (TSCA) inventory.</p> <p>Acute (immediate) Health Hazard, Chronic (Delayed) Health Hazard</p> <p>This product contains the following components in concentrations above <i>de minimis</i> levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA: No components were identified.</p> <p>The Superfund Amendments and Reauthorization act of 1986 (SARA) Title III requires facilities subject to Subparts 302 and 304 to submit emergency planning and notification information based on Threshold Planning Quantities (TPQ's) and Reportable Quantities (RQ's) for "Extremely Hazardous Substances" listed in 40 CFR 302.4 and 40 CFR 355:</p> <p>No components were identified.</p> <p>The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically designated in 40 CFR 302.4. This product is not known to contain chemical substances subject to this statute. However, it is recommended that you contact state and local authorities to determine if there are any other reporting requirements in the event of a spill.</p> <p>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</p>
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SECTION 16 — OTHER INFORMATION

NFPA CODES	HMIS CODES
HEALTH : 1, slight FIRE: 0 REACTIVITY: 0 OTHER: 1	HEALTH : 1, slight FIRE: 0 REACTIVITY: 0 PERSONAL PROTECTION: 1
<p>The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This MSDS was prepared and is to be used ONLY for this product. If the product is used as a component in another product, the MSDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For these and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.</p>	