

SAFETY DATA SHEET
ABC-Olé

Section 1: Identification	
Product Name:	ABC-Olé
Chemical Description:	Fermentable organic carbon with micronutrients
Manufacturer:	Redox Tech, LLC 200 Quade Drive Cary NC 27513 919-678-0140 www.redox-tech.com
Recommended Use:	Bioremediation of halogenated organics and metals
Restricted Use:	Not for Human Consumption
24-Hour Emergency Contact:	ChemTrec: Within USA and Canada: 1-800-424-9300 International +1 703-527-3887 (collect calls accepted)

Section 2: Hazard(s) Identification	
Hazard Classification:	Non-Hazardous
Signal Word:	None
Hazard Statement(s):	None
Pictograms:	None
Precautionary Statement(s):	Not for human consumption. Do not store near excessive heat or oxidizers. Avoid contact with eyes and skin. Wear protective gloves and eye protection.

Section 3: Chemical Composition		
Chemical Name	CAS Number	Weight Percentage
Soybean Oil/Long-chain fatty acids	8001-22-7	0 to 60
Food Grade Emulsifiers ¹	9005-64-5	0 to 10
Soluble Substrates ¹ (Glycerol)	56-81-5	0 to 10
Nutrients and preservatives	532-32-1	0 to 1.0
Water	7732-18-5	0 to 30

¹ Trade Secret – The precise composition of this product is proprietary information and are generally recognized as safe for food contact. A more complete disclosure will be provided to a physician in the event of a medical emergency.

Section 4: First-Aid Measures	
Routes of Exposure	Emergency First-Aid Procedures
Inhalation	Remove to fresh air.
Eye Contact	Flush with water for 15 minutes; if irritation persists see a physician.
Skin Contact	Wash with mild soap and water.
Ingestion	Product is non-toxic. If nausea occurs, induce vomiting and seek medical attention.

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Section 5: Fire-Fighting Measures

Extinguishing Media:	CO ₂ , foam, dry chemical Note: Water, fog and foam may cause frothing and spattering.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and chemical resistant clothing. Use water spray to cool fire exposed containers.
Fire Hazard(s):	Combustion will generate carbon dioxide and carbon monoxide

Section 6: Accidental Release Measures

Personal Precautions:	Avoid contact with eyes and skin. Do not consume.
Emergency Procedures:	Avoid discharge to surface water bodies as it may cause depressed oxygen levels
Methods & Materials used for Containment:	Absorbent media, sorbent media, vacuum collection and disposal.
Cleanup Procedures:	Vacuum up excess liquid. Use absorbent media. Dispose of material according to local, state or federal regulations

Section 7: Handling and Storage

Safe Handling & Storage:	Do not store near excessive heat or oxidizers.
Other Precautions:	Consumption of food and beverages should be prevented in work area where product is being used. After handling product, always wash hands and face thoroughly with soap and water before eating, drinking, or smoking.

Section 8: Exposure Controls/Personal Protection

Exposure Limits

OSHA PEL:	NE	
ACGIH TLV:	NE	
NIOSH REL:	NE	

Personal Protective Measures

Respiratory Protection:	Not normally required. Avoid splashing and aerosols.
Hand Protection:	Protective gloves are recommended
Eye Protection:	Recommended with side shields
Engineering Measures:	None should be required
Hygiene Measures:	Wash promptly with soap & water if skin becomes irritated from contact.
Other Protection:	Wear appropriate clothing to prevent skin contact.

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Section 9: Physical and Chemical Properties

Appearance:	Clear or Milky	Explosive Limits:	NA
Odor:	Mild Organic	Vapor Pressure:	NA
Odor Threshold:	NA	Vapor Density:	Heavier than air
pH:	6 to 8 su	Relative Density:	0.8-1.3
Melting Point/Freezing Point:	Liquid at room temperature	Solubility:	Soluble
Boiling Point:	> 100C	Partition coefficient:	NE
Flash Point:	>300°F (149°C)	Auto-ignition Temperature:	NE
Evaporation Rate:	NA	Decomposition Temperature:	N/A
Flammability (solid, gas):	NA	Viscosity:	10-150 cP

NA – Not Available

Section 10: Stability and Reactivity

Stability:	Stable
Incompatibility:	Oxidizers
Hazardous Decomposition Products:	Thermal decomposition may product carbon dioxide, carbon monoxide and other organic compounds
Hazardous Reactions/Polymerization:	None known
Conditions to Avoid:	Separation of product may occur if exposed to heat

Section 11: Toxicological Information

Likely Routes of Exposure:	Ingestion, dermal and eye contact
Signs and Symptoms of Exposure:	None known
Health Hazards	
Acute:	Potential eye and skin irritant
Chronic:	None known
Carcinogenicity	
NTP:	No
IARC:	No
OSHA:	No

Section 12: Ecological Information

Product is known to cause suppressed dissolved oxygen in water which can create aquatic stress

Section 13: Disposal Considerations

Waste Disposal Methods:	Dispose of according to Federal and local regulations for non-hazardous material. Redox Tech will sometimes take product back.
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Section 14: Transport Information

The product is not covered by international regulation on the transport of dangerous goods.

This product is non-hazardous for DOT

Section 15: Regulatory Information

Not subject to regulation. Generally recognized as safe.

Section 16: Other Information

Date of Preparation:	1 April 2003
Last Modified Date:	April 20, 2022