

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Trade Name: Accell Clean™

Code: 6ABC5-2

Company: Advanced BioCatalytics Corporation
18010 Skypark Circle, #130
Irvine, CA 92614

Emergency Telephone Numbers:

Day: (949) 442-0880

International: +1-(949) 442-0880

Basic Hazard Information

NFPA/HMIS	Hazard Rating
Health: 1	0 - Insignificant
Flammability: 0	1 - Slight
Reactivity: 0	2 - Moderate
	3 - High
	4 - Extreme

NFPA=National Fire Protection Association

HMIS=Hazardous Materials Identification System

IMO MEPC.2 APPROVED (2009)

SECTION 2: HAZARDOUS INGREDIENTS AS DEFINED IN 29 CFR 1910.1200

Name	CAS Number	Percent	TLV (threshold limit value)	Hazard
None.	Not applicable.	Not applicable.	Not applicable.	Not applicable.

SECTION 3: PHYSICAL PROPERTIES

Boiling Point:	>100°C (212°F)	Appearance:	Clear, dark amber liquid.
Freezing Point:	<0°C (32°F)	Odor:	Non-obnoxious – weak, neutral odor.
Percent volatile (volume):	78-82%	Specific gravity:	1.030 - 1.050
Vapor pressure:	Same as water.	Solubility in water:	Complete.
Vapor density:	Not applicable.	Evaporation rate:	Same as water.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point:	>93°C (200 °F)
Extinguishing media:	Water, CO ₂ , chemical foam.
Special fire fighting procedures:	None.
Unusual fire and explosion hazards:	None.
Flammable limits (by volume):	Not applicable.

SECTION 5: HEALTH HAZARD DATA

Type of Exposure	Reaction	Emergency and First Aid Procedures
Skin Contact	May cause moderate irritation.	Rinse off with water. If irritation persists, contact physician.
Eye Contact	May cause mild irritation.	Rinse with water. If irritation persists, contact physician.
Vapor Inhalation	Not applicable.	
Ingestion	May cause gastrointestinal irritation with nausea and diarrhea.	If symptoms persist, contact physician.

SECTION 6: TOXICOLOGICAL INFORMATION

Oral LD ₅₀ : Estimated to be > 5g/kg. (rat)	Contains only ingredients that are recognized as safe in food grade applications in accordance with U.S. Food and Drug Administration (FDA) 21CFR 178.3400, and/or found on the GRAS list, Parts 182 and 184.
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SECTION 7: REACTIVITY DATA	
Stability:	Stable.
Hazardous polymerization:	Will not occur.
Conditions to avoid:	Storage in elevated temperatures or direct sunlight for prolonged periods. Do NOT freeze.
Materials to avoid:	Strong acid, bases, oxidative agents and quaternary disinfectants can degrade/inactivate product.
Hazardous decomposition products:	Carbon Monoxide. Carbon Dioxide. Oxides of Sulfur (includes sulfur di and tri oxides).
pH:	7.5 – 8.5
SECTION 8: SPILL OR LEAK PROCEDURES	
Steps to be taken if material is released or spilled:	Wash down with water.
Waste disposal method:	Flush into sewer system.
SECTION 9: SPECIAL PROTECTIVE EQUIPMENT	
OBSERVE GOOD HOUSEKEEPING / HYGIENE PRACTICES	
Skin: Rubber gloves recommended.	Ventilation: Not applicable.
Eyes: Safety goggles recommended.	Other equipment: Not applicable.
Nose/mouth: Not applicable.	
SECTION 10: SPECIAL PRECAUTIONS	
Precautions to be taken in handling and storage:	Store in cool place in closed container. For best performance, use within 36 months.
SECTION 11: TRANSPORT INFORMATION	
Department of transportation (DOT) shipping label:	Not regulated.
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