

Safety Data Sheet

SDS

May be used to comply with
OSHA's Hazard Communication
Standard, 29 CFR 1910 1200.
Standard must be consulted for
specific requirements.

Chemical Name:
Accell®3

Date of Preparation: August 27, 2013

Revision # 3

Section 1 – Chemical Product and Company Information

Product / Chemical Name: Accell®3
Manufacturer's Name: Advanced BioCatalytics Corporation
Address: 18010 Skypark Circle, #130, Irvine, CA 92614
Chemical Formulation: Proprietary Mixture
CAS Number: Mixture
Synonyms: N/A
Derivation: N/A
General Use: This cleaner is a concentrated version and meant to be diluted.
Emergency Telephone Number: Phone: 888-222-2420

Section 2 – Hazard(s) Identification

Precautionary statement(s): May cause mild skin and eye irritation.
Primary Entry Routes: Eye contact. Skin contact. Inhalation. Ingestion.
Target Organs:
Inhalation: May cause mild irritation to nose, throat and respiratory tract.
Eyes: May cause mild eye irritation.
Skin: May cause mild skin irritation.
Ingestion: May cause gastrointestinal irritation with nausea and diarrhea.
Carcinogenicity: None.
Medical Conditions Aggravated by Long-Term Exposure: None known.
Chronic Effects:
Skin: Allergic reaction – Dermatitis.
Ingestion: Acute ingestion, and/or may affect liver, kidneys, and metabolism (weight loss).
Humans/Animals: Animal tests show possible reproductive effects. No human data found at this point.
Hazard Classification: None known.

Section 3 – Composition / Information on Ingredients

Hazardous Chemicals	Chemical Names	Synonyms	CAS #	Weight %	LD50 Oral Rat	LD50 Dermal Rabbit	LC50 Inhalation Rat
None.	None.	None.	None.	None.	None.	None.	None.

Section 4 – First Aid Measures

Inhalation: Move to area with fresh air. If irritation persists, get medical attention immediately.
Eye Contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Skin Contact: Flush immediately with plenty of water. If irritation develops, get medical attention.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media: Dry chemical, water spray, foam or carbon dioxide.
Specific Hazards: When heated to decomposition it emits acrid smoke and irritating fumes.
Unusual Hazards: None known.
Specific Methods: No special methods required.
Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

Section 6 – Accidental Release Measurements

Personal Precautions:	Put on appropriate personal protective equipment (See Section 8).
Environmental Precautions and Clean-Up Methods:	Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

Section 7 – Handling and Storage

Handling Precautions:	Avoid unnecessary long term contact with skin, eyes and clothing. Do not taste or swallow. Use with adequate ventilation. Avoid unnecessary long term breathing mists or vapors. Remove and wash contaminated clothing and footwear before reuse. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage Requirements:	Keep container(s) stored in cool, well-ventilated area. Keep container tightly closed until ready for use. Avoid possible sources of ignition (spark or flame).

Section 8 – Exposure Controls / Personal Protection

Engineering Measures to Reduce Exposure:	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Eye Protection:	Not required.
Hand Protection:	Not required.
Skin and Body Protection:	Not required.
Respiratory Protection:	Not required.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Physical State:	Liquid	Bulk Density:	No information available.
pH:	4.0 – 5.0	Dilution pH:	N.A.
Appearance:	Aqueous solution	Vapor Density:	No information available.
Color:	Light Amber	Evaporation Rate:	Same as water.
Odor:	Similar to apple cider	Boiling Point / Range:	Not determined.
Taste:	Sharp burning	Melting Point / Range:	Not determined.
Specific Gravity:	1.02 – 1.05	Decomposition Temperature:	Not determined.
Density:	8.72 lbs/gal	Autoignition Temperature:	Not determined.
Flash Point:	> 93°C (>200°F)	Water/Oil Dist. Coefficient:	Not determined.
Solubility:	Soluble	Flammability:	Not determined.
Viscosity:	No information available.	Elemental Phosphorous:	0.0

Section 10 – Stability and Reactivity

Reactivity test results:	No information available.
Stability:	Product is indefinitely stable in sealed containers.
Polymerization:	Hazardous Polymerization does not occur.
Hazardous Decomposition Materials:	None reasonably foreseeable.
Physical appearance:	Safety issues will not arise if product's physical appearance changes.
Materials to Avoid:	Strong acids, bases, oxidative agents, and quaternary disinfectants can degrade product.
Conditions to Avoid:	Heat, ignition sources, incompatible materials. Do not freeze.

Section 11 – Toxicological Information

Routes of Entry:	Absorbed through skin. Eye contact.
Acute Toxicity:	Oral LD50 estimated to be >2000mg/kg (Rat). Dermal LD50 estimated to be >2000mg/kg (Rabbit). 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.
Component Information:	See Section 3.
Chronic Toxicity – Skin:	Prolonged exposure in some cases may cause allergic reaction, such as dermatitis.
– Ingestion:	Prolonged or repeated ingestion may affect the liver, kidneys, and metabolism (weight loss).
Potentially harmful chemical/carcinogen:	Product so it is not listed in National Toxicology Program (NTP) Report on Carcinogens and not found to be potential carcinogen in International Agency for Research on Cancer (IARC) Monographs or by OSHA.
Special Remarks on Chronic Effects on Humans:	No human data found at this point.

Section 12 – Ecological Information

Environmental Information: No data available.

Section 13 – Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environment control regulations. Do not reuse empty container.

Section 14 – Transport Information

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information.
UN number: None assigned.
UN proper shipping name: None assigned.
Transport hazard class(es): Not considered as a hazardous material or dangerous goods. No transport hazard class assigned or needed.
Packing group number: No packing group assigned.
Environmental hazards: No known environmental hazards.
Guidance on transport in bulk: Transport in bulk according to Annex II of MARPOL 73/78 and the International Bulk Chemical Code (IBC code).
Special precautions for user(s): No known precautions for transport. It is advised to avoid freezing product.

Section 15 – Regulatory Information

United States

United States Inventory: All components are listed or exempted.

California Prop. 65: The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical Name

None

CAS Number

None

HMIS (USA)

Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Protection: Gloves and protective eyewear recommended

National Fire Protection Association (USA):

Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Personal Gloves and protective eyewear recommended
Equipment:

Section 16 – Other Information

Additional Advice: None.

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