


Form #:	SDS-096
Revision Date:	16/05/2019
Revision #:	01
Supersedes Date:	NA

Section 1: Identification			
Product Name:	AXXE®	Product Type / Description:	Herbicide
Recommended Use:	Non-selective herbicide for commercial use.	Other Means of Identification:	Ammonium salt of fatty acid, C8-18 and C18-Unsaturated fatty acids ammonium salts
Use Restrictions:	It is a violation of federal law to use this product in a manner inconsistent with its labeling.		
Manufacturer:	BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108	COFEPRIS Registration #:	RSCO-HEDE-0307N-X012-375-36.0
Telephone Number:	1.888.273.3088	Emergency Number: 1.800.424.9300 (CHEMTREC)	

Section 2: Hazard Identification	
GHS Classification	Hazard Statements
Serious Eye Damage / Irritation: Category 2A	H319: Causes serious eye irritation.
Pictograms	Signal Word
	WARNING
Precautionary Statements	
General	Response
P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P103: Read label before use.	P301+P330+P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting. P303+P361+P353: IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340: IF INHALED: Move person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Prevention	Storage / Disposal
P264: Wash thoroughly after handling. P280: Wear protective gloves, clothing, eye protection, face protection.	P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition / Information on Ingredients		
Components	CAS-No	% Composition (w/w)
Ammonium salt of fatty acid	84776-33-0	36,0%
Inert ingredients	-	64,0%

Section 4: First-Aid Measures	
Eye Contact:	Hold eye(s) open and rinse cautiously with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.
Skin Contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.
Ingestion:	Call poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. If person is not breathing, call a hospital. Call poison control center or doctor for treatment advice.

Section 5: Fire-Fighting Measures	
Suitable Extinguishing Media:	Water spray, carbon dioxide, alcohol foam, dry chemical.
Unsuitable Extinguishing Media:	None known.
Combustion Products:	None known.
Unusual Fire and Explosion Hazards:	None known.
Protective Equipment for Firefighters:	Do not enter fire area without proper protective equipment, including respiratory protection.

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Section 6: Accidental Release Measures

Personal Precautions:	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation.
Emergency Procedures:	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Environmental Precautions:	Prevent entry to sewers and public waters. Avoid release to the environment.
Methods and Material for Containment and Clean-Up:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, absorb with an inert dry material such as sand or diatomaceous earth and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7: Handling and Storage

Handling:	Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist.
Storage:	Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not store below freezing temperatures (0°C).
Incompatible Materials:	None known.

Section 8: Exposure Controls / Personal Protection

Components with Workplace Control Parameters

Component	LMPE-PPT	LMPE-CT or Peak
Ammonium salt of fatty acid	NA	NA
Engineering Controls:	Ensure adequate ventilation.	
General Hygienic Practices:	Do not eat, drink or smoke during use.	
Personal Protective Equipment:	Protective clothing, protective goggles, gloves, face shield.	
Respiratory Protection:	Use NIOSH-approved respirator where airborne concentrations of vapor are expected to exceed exposure limits.	
Eye / Face Protection:	Chemical goggles or face shield.	
Hands:	Chemical resistant gloves.	
Skin / Body:	Wear suitable protective clothing.	

Section 9: Physical and Chemical Properties

Appearance:	Clear, pale liquid.	Odor:	Slight ammonia.	Odor Threshold:	Not available.
pH:	8,0 – 9,0	Specific Gravity:	1,00 g/cm ³	Viscosity:	0,61 cm ² /s (61 cSt)
Melting Point:	Not available.	Freezing Point:	Not available.	Boiling Point:	104,4°C (219,9°F)
Flash Point:	Not available.	Flammability:	Not available.	Flammability Limits:	Not available.
Vapor Pressure:	Not available.	Vapor Density:	Not available.	Solubility:	Complete.
Evaporation Rate:	Not available.	Auto-Ignition Temperature:	Not available.	Decomposition Temperature:	Not available.
Relative Density:	Not available.	Partition Coefficient n-octanol / water:	Not available.		

Section 10: Stability and Reactivity

Reactivity:	Not reactive under normal conditions.
Stability:	Stable under normal conditions.
Conditions to Avoid:	No specific data.
Incompatible Materials:	No specific data.
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides.

Section 11: Toxicological Information

Acute Toxicological Data


Oral LD50:	>5000 mg/kg (rat)	Dermal LD50:	>2000 mg/kg (rabbit)	Inhalation LC50:	Not available.
Symptoms and Effects					
Condition	Acute Effects		Chronic (Delayed) Effects		
Eye Contact:	Causes serious eye irritation.		None.		
Skin Contact:	No specific data.		None.		
Inhalation:	No specific data.		None.		
Ingestion:	No specific data.		None.		

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Section 12: Ecological Information	
Ecotoxicity:	Not available.
Persistence and Degradability:	Not available.
Bioaccumulation Potential:	Not available.
Mobility in Soil:	Not available.
Results of PBT & vPvB:	Not available.
Other Adverse Effects:	None known.

Section 13: Disposal Considerations	
Waste from Residues and Unused Product:	Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.
Contaminated Container Disposal:	Do not reuse or refill this container. Triple rinse empty containers with clean water. Clean and empty containers are to be recycled or placed in the trash.

Section 14: Transport Information						
UN Number	UN Proper Shipping Name		Hazard Class (Subsidiary)	Packing Group	IATA	Marine Pollutant
DOT	-	Not regulated.	-	-	Permitted for shipment by air.	No
TDG	-	Not regulated.	-	-		No
IMDG	-	Not regulated.	-	-		No
Special Precautions:	NA					
Shipping Placards:	NA					

Section 15: Regulatory Information							
Report Quantity from 1000kg:		NA					
Grade:		NA					
COFEPRIS	This product is a registered pesticide with The Federal Commission for the Protection against Sanitary Risk Agency and is subject to certain labeling requirements. These requirements may differ from the classification criteria and hazard information required for a safety data sheet under the Global Harmonized Systems (GHS), and for workplace labels of non-pesticide chemicals. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Always refer to product label for further precautionary information and use directions.						
NFPA Rating:	Health: 2	Flammability: 0	Reactivity: 0	Special:	NA		
HMIS Rating:	Health: 2	Flammability: 0	Physical: 0	PPE:	Recommended.		
PPE:							

Section 16: Other Information
<p>According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations</p> <p>To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither BioSafe Systems nor any of its affiliates make any warranty, expressed or implied, or accept any liability relating to the information or its use. The information is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability of any information or material for any contemplated use, the manner or use and whether any patents are infringed. Always read and follow label directions.</p> <p>For additional information, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com</p> <p>© 2019 BioSafe Systems, LLC.</p>