



MATERIAL SAFETY DATA SHEET

MFG. for Advanced Biological Marketing, Inc.
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EMERGENCY ASSISTANCE:
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PREPARED BY: United AgTechnologies, Inc.

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SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME	America's Best Inoculant Plus 30 Extender, a component of Excalibre SA for Soybean
SYNONYMS	Pearl Color
CHEMICAL FAMILY	NONE
MOLECULAR WEIGHT	MIXTURE

SECTION 2 - COMPOSITION

COMPONENT	CAS. No.	%	HAZARD
WATER	7732-18-5	65 - 85	NONE
CARBOHYDRATES	*	5 - 10	NONE
TALC	14807-96-6	< 3	LUNG DAMAGE
*POLYMER EMULSION	*	*	IRRITATION
*MINERALS	*	*	LUNG DAMAGE
*PRESERVATIVES	*	*	IRRITATION

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Contact with eyes, skin, or inhalation may cause irritation.
Chronic inhalation may cause lung damage.

GENERAL PRECAUTIONS:

Always practice good industrial hygiene; handle with care; avoid personal contact. Do not get into eyes or on skin; do not swallow. Wash hands with soap and water and rinse after handling product. Shower after each shift. Wash all work clothing and completely clean all personal protective equipment after each use.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:

Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

PRIMARY ROUTE OF ENTRY: INHALATION

SECTION 4 - FIRST AID INFORMATION

IF IN EYES:	Flush eyes with water for 15 minutes. Get medical attention if irritation persists.
IF ON SKIN:	Wash with plenty of soap and water. Get medical attention if irritation persists.
IF INHALED:	Remove person to fresh air.

IF SWALLOWED:	Give 1 or 2 glasses of water and induce vomiting by sticking finger down throat. Do not induce vomiting in an unconscious person. Get medical attention.
NOTE TO PHYSICIAN:	N/A
SECTION 5 - FIRE FIGHTING MEASURES	
FLASH POINT: Not available	FLAMMABLE LIMITS: N/E
EXTINGUISHING MEDIA: Water, Foam, CO ₂ , Dry Chemical	
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH/MSHA approved self-contained breathing apparatus if involved in a fire. Contain water run-off.	
UNUSUAL FIRE AND EXPLOSION HAZARD: None known	

SECTION 6 - ACCIDENTAL RELEASE MEASURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear protective equipment. Use absorbent to contain spill. Sweep up spilled material, place in suitable labeled container for disposal.	
REPORTABLE QUANTITY UNDER CERCLA: N/A	

SECTION 7 - STORAGE AND HANDLING INFORMATION	
STORAGE TEMPERATURES: Above 32 °F	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Mix well before use. Add water to dilute it if necessary. Keep container closed when not in use. Do not get into eyes, or on skin or clothing. Avoid breathing fumes or dust. Upon contact. Wash exposed areas with soap and warm water. Do not store for prolonged periods at elevated temperatures. Protect from repeated freezing and thawing.	
OTHER PRECAUTIONS: Keep out of reach of children.	

SECTION 8 - EXPOSURE CONTROLS AND PROTECTION	
ENGINEERING CONTROLS:	Local exhaust or general ventilation to maintain exposure below PEL.
PERSONAL PROTECTIVE EQUIPMENT:	
EYE/FACE PROTECTION:	Safety glasses or goggles.
HAND/SKIN PROTECTION:	Rubber gloves
RESPIRATORY PROTECTION:	Not normally required. Wear MSHA/NIOSH approved dust/mist respirator when dusting occurs (TC-21C)
OTHER PROTECTION:	Clothing to minimize contact

EXPOSURE GUIDELINES			
CHEMICAL NAME	%	OSHA PERMISSIBLE EXPOSURE LIMITS	ACGIH THRESHOLD LIMIT VALUES
Talc	*	2 mg/m ³	2 mg/m ³
*Polymer Emulsion	*	N/A	N/A
*Mineral	*	N/A	N/A
*Preservatives	*	N/A	N/A
*proprietary information			

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE:	Liquid	BOILING POINT:	212 ° F
VISCOSITY:	60 - 250 cps	FREEZING POINT:	28 - 32 ° F
% VOLATILITY VOLUME:	80-84	pH:	9.0 - 9.5
SOLUBILITY(WATER):	Dispersible	SPECIFIC GRAVITY:	1.05
VAPOR DENSITY (AIR=1):	N/E	BULK DENSITY:	8.80 LBS/gal
VAPOR PRESSURE:	Negligible		

SECTION 10 - STABILITY AND REACTIVITY INFORMATION	
STABILITY:	Stable
CONDITIONS TO AVOID:	Keep from freezing
INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Not Known
POLYMERIZATION:	Will occur with cross-linkers

SECTION 11 - TOXICITY INFORMATION	
ORAL LD ₅₀ :	N/E
DERMAL LD ₅₀ :	N/E
INHALATION LC ₅₀ :	N/E
EFFECTS TO EYES:	N/E
EFFECTS TO SKIN:	N/E

SECTION 12 - DISPOSAL CONSIDERATIONS
Dispose of waste as allowed by current laws and regulations

SECTION 13 - TRANSPORT INFORMATION	
IN ACCORDANCE WITH 42 CFR 172.602, THE FOLLOWING BASIC DESCRIPTION AND TECHNICAL NAME OF HAZARDOUS MATERIAL(S) AS CLASSIFIED BY DOT REGULATIONS IS PROVIDED:	
PROPER SHIPPING NAME:	Not regulated
FREIGHT TARIFF DESCRIPTION:	N/E
ERG NUMBER:	

SECTION 14 - ECOLOGICAL INFORMATION
N/E

SECTION 15 - REGULATORY INFORMATION

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA HAZARD Categories promulgated under section 311 and 312 of the Superfund amendments and Reauthorization Act of 1986 (Sara Title III) and is considered, under applicable definitions, to meet the following categories:

CERCLA/SARA: N/A
 TPQ: N/A
 RQ: N/A

SARA 313 INFORMATION: This product contains the following substances subject to the reprint requirements of SARA Title III, Section 313 and 40 CFR part 372:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
N/A	N/A	N/A

STATES RIGHT-TO-KNOW LISTS

SECTION 16 - OTHER INFORMATION

CONTACT POINT: ADVANCED BIOLOGICAL MARKETING
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ABBREVIATIONS: N/E = Not Established
 N/A = Not Applicable