

#### THE ANDERSONS SAFETY DATA SHEET

DATE PREPARED: 08/15/19

CURRENT AS OF: 5/19/22

# SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10003462, 10005775

PRODUCT NAME: BIOMEND® 10-0-6

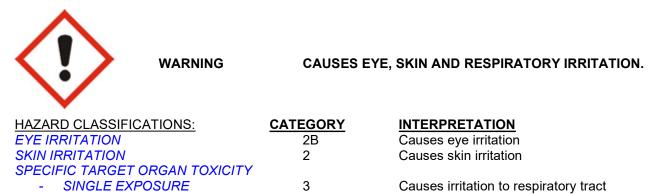
PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc. PO Box 119 Maumee, OH 43537

> FOR EMERGENCY: (800) 757-8951 FOR INFORMATION: (419) 893-5050

### **SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS:



### PRECAUTIONARY STATEMENTS:

- WEAR PROTECTIVE GLOVES AND CLOTHING
- REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE
- AVOID BREATHING DUSTS
- IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL
- USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA
- CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL
- WASH THOROUGHLY AFTER HANDLING
- DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT
- IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION
- IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES
- IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION

SECTION 3: COMPOSITION	I / INFORMATIC	N ON INGRI	EDIENTS		
CHEMICAL IDENTITY	SYNO	NYM	CAS NUMBER	CONCENTRATION (%)	
Sodium Nitrate	Chile	Saltpeter	7631-99-4	40-50	
Potassium Sulfate			7778-80-5	1-10	
Humic Acid			1415-93-6	1-10	
SECTION 4: FIRST AID MEA	ASURES				
IF INHALED:	Move to fresh	Move to fresh air and keep comfortable, seek medical attention if unwell.			
IF ON SKIN:		Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.			
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, seek medical attention if irritation persists.				
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.				
SPECIAL TREATMENT:	None known				
HEALTH HAZARDS:	See Section 11				
SECTION 5: FIREFIGHTING	MEASURES				
EXTINGUISHING MEDIA:		Use media required.	suitable for surrounding f	fire. No special media	
SPECIFIC FIRE HAZARDS:			ed to decomposition, this ides and ammonia.	product will emit toxic	
SPECIAL FIREFIGHTING PROCEDURES:			rotective clothing and pos preathing apparatus (SCE		
SECTION 6: ACCIDENTAL	RELEASE MEA	SURES			
			d place in containers for al, State and Local regula	use as intended, or discard tions.	
		•	t spilled material from entering storm drains or water bodies. If al enters a waterway, notify the appropriate authorities.		
PROTECTIVE EQUIPMENT:	Wear PPE according		ng to Section 8		

# SECTION 7: HANDLING AND STORAGE

Avoid creating or accumulating dusts during processing and application. Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing dusts. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

### **BIOMEND 10-0-6**

# SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS :

The following constituents are the only constituents of the product, which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

HAZARDOUS COMPONENT	OSHA PEL	ACGIH TLV			
Dry fertilizer blend	Not available	Not available			
PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:					
RESPIRATORY PROTECTION:	NIOSH approved respirator, if r	equired			
EYE PROTECTION:	Safety glasses with sideshields	, goggles, or faceshield			
SKIN PROTECTION:	Appropriate for the task. Imperv	vious and compatible with material			
VENTILATION:	Use with adequate ventilation				

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

	APPEARANCE AND ODOR: pH: MELTING POINT: BOILING POINT: FLASH POINT: EVAPORATION RATE: FLAMMABLE LIMITS: VAPOR PRESSURE: VAPOR DENSITY: SPECIFIC GRAVITY: SOLUBILITY (IN WATER): PARTITION COEFFICIENT: AUTOIGNITION TEMP: DECOMPOSITION TEMP: ODOR THRESHOLD: VISCOSITY:	Multi-colored granules with slightly musty odor Not Applicable Not applicable Not available Not flammable Not available Not available Not available ~0.862 Soluble Not available Not available Not available Not available Not available Not available Not available Not available
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# SECTION 10: STABILITY AND REACTIVITY

- STABILITY: Product is stable.
- CONDITIONS TO AVOID: Heat, accumulation of dusts
- INCOMPATIBILITY: Strong acids, bases and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides, sulfides and ammonia.

### **BIOMEND 10-0-6**

#### SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes skin, eye and respiratory irritation.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

#### INGREDIENT TOXICITY RANGES:

#### ORAL: > 1,267 mg/kg (sodium nitrate) – 14,300 mg/kg (urea)

# SECTION 12: ECOLOGICAL INFORMATION

Long-term degradation products may arise. Products of degradation are not expected to be hazardous.

# SECTION 13: DISPOSAL CONSIDERATIONS

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

#### SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

#### **SECTION 15: REGULATORY INFORMATION**

SARA 311/312:

ACUTE

### **SECTION 16: OTHER INFORMATION**

NFPA RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0
HMIS RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0

PREPARED BY: DBA EHS Consulting

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