

### THE ANDERSONS SAFETY DATA SHEET

DATE PREPARED: 02/19/20

CURRENT AS OF: 2/16/24

# SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10003384, 10003378, 10003617, 10003618, 10003616, 10003391

PRODUCT NAME: BIO PASS® and BIO PASS® LG

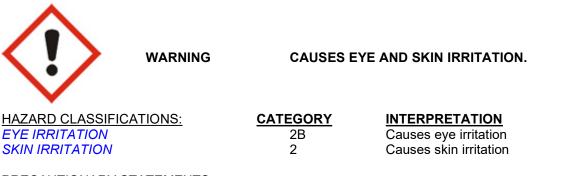
PRODUCT USE: Fertilizer

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 VAPORS/MISTS.
- 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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- 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

CHEMICAL IDENTITY	SYNONYM	CAS NUMBER	CONCENTRATION (%)
Liquid fertilizer blend		Mixture	100.0

The specific chemical identity and exact percentage of composition has been withheld as a trade secret and complies with requirements set forth in 29CFR 1910.1200(i) Trade Secrets.

## SECTION 4: FIRST AID MEASURES

IF INHALED:	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, remove contact lenses if present and easy to do – continue rinsing. 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 suitable for surrounding fire. No special media required.		
SPECIFIC FIRE HAZARDS:		When heated to decomposition, this product will emit toxic oxides and ammonia.		
SPECIAL FIREFIGHTING PROCEDUR	RES:	Wear full protective clothing and positive-pressure self- contained breathing apparatus (SCBA).		
SECTION 6: ACCIDENTAL RELEASE MEASURES				
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	Contai accord Preven	n material and place in containers for use as intended, or discard		

#### SECTION 7: HANDLING AND STORAGE

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Avoid breathing mists/vapors. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

# **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

Liquid Fertilizer blend

Not available

Not available

# **BIO PASS**®

## PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved respirator, if required
EYE PROTECTION:	Safety glasses with sideshields, goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Impervious and compatible with material
VENTILATION:	Use with adequate ventilation

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Hazy white solution with no appreciable odor ~ 7.25 pH: MELTING POINT: Not applicable **BOILING POINT:** Not available FLASH POINT: Not flammable EVAPORATION RATE: Not available FLAMMABLE LIMITS: Not applicable Not available VAPOR PRESSURE: VAPOR DENSITY: Not available SPECIFIC GRAVITY: ~1.212 Soluble SOLUBILITY (IN WATER): Not available PARTITION COEFFICIENT: AUTOIGNITION TEMP: Not available **DECOMPOSITION TEMP:** Not available ODOR THRESHOLD: Not available VISCOSITY: Not available

# SECTION 10: STABILITY AND REACTIVITY

STABILITY: Product is stable.

CONDITIONS TO AVOID: Heat

INCOMPATIBILITY: Strong acids, bases, oxidizers, soft metals and alloys

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic oxides and ammonia

#### SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: Causes eye and skin irritation.

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

#### TOXICITY RANGE:

ORAL: > 3,200 mg/kg (potassium dihydrogen phosphate) – 14,300 mg/kg (urea)

## SECTION 12: ECOLOGICAL INFORMATION

Long term degradation products may arise. Products of degradation are not expected to be hazardous. Excessive nutrients in waterways may cause algal blooms that may be detrimental to aquatic life.

## 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: UTHER INFORMATION	SECTION 16:	: OTHER INFORMATION
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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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