

## SAFETY DATA SHEET

### Section 1 PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PureAg Humic Blend Concentrate™  
**MANUFACTURER:** PureAg, LLC  
 437 East 2100 South  
 Salt Lake City, Utah 84115  
 www.pureagproducts.com  
 801-651-3201  
**EMERGENCY:** 801-651-3201

### Section 2 HAZARDS IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**Classification**  
 Causes skin irritation.  
 Causes serious eye irritation.  
 May cause respiratory irritation.

#### Label Elements

#### GHS-US Labeling

The substance is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard Pictograms:** 

**Signal Word:** Warning

**Hazard Statements:** Causes skin irritation.  
 Causes serious eye irritation  
 May cause respiratory irritation

**Precautionary Statements:** Avoid breathing dust/fume/gas/mist/vapors/spray.  
 Use only in a well-ventilated or outdoor area.  
 Wash thoroughly after handling.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**If inhales:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If skin irritation persists, get medical advice/attention.

Call a poison center if you continue to feel unwell.

### Section 3 COMPOSITION INFORMATION

**Chemical Characterization: Substances**  
**CAS No. Description**  
 68514-28-3 Ful-Humix (Potassium Humate)

### Section 4 FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**Inhalation:** In case of unconsciousness, place patient securely on side position for transportation.

**Skin Contact:** Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE & DELAYED

**Symptoms/Injuries:** Causes serious eye irritation.

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL Treatment Needed

If you feel unwell, seek medical advice (show label where possible).

### Section 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

**Suitable Extinguishing Media:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE

**Fire Hazard:** Combustible dust. Dust explosion hazard in air. Under conditions of fire this material may produce: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide.

#### ADVICE FOR FIREFIGHTERS

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

### Section 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing dust. Wear dust mask.

#### FOR NON-EMERGENCY PERSONNEL

**Protective Equipment:** Use appropriate personal protection equipment

#### ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters.

#### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

**For Containment:** Contain and collect as any solid. Use explosion proof vacuum during clean up, with appropriate filter, do not mix with other materials. Use soft bristle brush or conductive rubber or conductive plastic shovel. Use caution, material is sensitive to initiation from sources such as heat, flame, shock, friction, or sparks.

**Methods for Cleaning Up:** Avoid generation of dust during clean up of spills. Vacuum must be fitted with a HEPA filter to prevent release of particulates during clean up.

### Section 7 HANDLING AND STORAGE

#### PRECAUTIONS FOR SAFE HANDLING

**Precautions for Safe Handling:** No special precautions are necessary if used correctly.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

### Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### CONTROL PARAMETERS

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

#### EXPOSURE CONTROLS

**Personal Protective Equipment:** Protective goggles, gloves, protective clothing, dust mask.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use a NIOSH approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Section 9  
PHYSICAL AND CHEMICAL PROPERTIES**

**INFORMATION ON BASIC PHYSICAL & CHEMICAL PROPERTIES**

<b>Physical State:</b>	Powder
<b>Appearance:</b>	Brown Powder
<b>Odor:</b>	Not Distinctive
<b>Odor Threshold:</b>	Not Determined
<b>pH:</b>	8 - 9
<b>Melting Point:</b>	Not Determined
<b>Freezing Point:</b>	Not Determined
<b>Boiling Point:</b>	Not Determined
<b>Flash Point:</b>	Not Applicable
<b>Auto-Ignition Temperature:</b>	Not Determined
<b>Decomposition Temperature:</b>	Not Determined
<b>Flammability (solid, gas):</b>	Product Is Not Flammable
<b>Auto Igniting:</b>	Not Determined
<b>Danger of Explosion:</b>	Product does not present an explosion hazard
<b>Vapor Pressure:</b>	Not Applicable
<b>Density @ 20°C (68° F):</b>	0.8 - 1.2 f/cm <sup>3</sup> (6.676-10.014 lbs/gal)
<b>Relative Density:</b>	Not Determined
<b>Vapor Density:</b>	Not Applicable
<b>Solubility:</b>	Soluble
<b>Partition Coefficient: n-octanol/water:</b>	Not Determined
<b>Viscosity Dynamic:</b>	Not Applicable
<b>Viscosity Kinematic:</b>	Not Applicable
<b>Viscosity Organic Solvents:</b>	0.0%

**OTHER INFORMATION**

No additional information available.

**Section 10  
STABILITY AND REACTIVITY**

**Reactivity:** Hazardous reactions will not occur under normal conditions.  
**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** No dangerous reactions known.  
**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** No further relevant information available.

**Hazardous Decomposition Products:** No dangerous decomposition products known.

**Section 11  
TOXICOLOGICAL INFORMATION**

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute Toxicity:**

**Skin Corrosion/Irritation:** Mild Irritant Effect.

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Sensitization:** No sensitizing Effects Known.

**Carcinogenicity:** Not Classified

**Reproductive Toxicity:** Not Classified

**Specific Target Organ Toxicity (Single Exposure):** Not Classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not Classified

**OSHA-CA:** Substance is not listed.

**Section 12  
ECOLOGICAL INFORMATION**

**TOXICITY**

**Aquatic Toxicity:** No further relevant information available.

**PERSISTENCE AND DEGRADABILITY**

No additional information available.

**BIOACCUMULATIVE POTENTIAL**

No additional information available.

**MOBILITY IN SOIL**

No additional information available.

**ADDITIONAL ECOLOGICAL INFORMATION**

General Notes: Water hazard class (self-assessment): slightly hazardous for water.

**RESULTS of PBT and vPvB ASSESMENT**

PBT: Not Applicable / vPvB: Not Applicable

**Section 13  
DISPOSAL CONSIDERATIONS**

**WASTE TREATMENT METHODS**

**Waste Disposal Recommendations:** Landfill or agricultural application.

**Uncleaned Packaging Recommendations:** Disposal made according to official regulations.

**Section 14  
TRANSPORT INFORMATION**

**UN-Number DOT, ADR, ADN, IMDG, IATA:** Not regulated for transport.  
**UN Proper Shipping DOT, ADR, ADN, IMDG, IATA:** Not regulated for transport.

**Transport Hazard Classes DOT, ADR, ADN, IMDG, IATA:** Not regulated for transport.

**Packing Group DOT, ADR, IMDG, IATA:** Not regulated for transport.

**Marine Pollutant:** No

**Special Precautions for User:** Not Applicable

**Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation":** Not Applicable

**Section 15  
REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**SARA**

**Section 355 (extremely hazardous substances):** Not Listed

**Section 313 (specific toxic chemical listings):** Not Listed

**TSCA (Toxic Substances Control Act):** Not Listed

**PROPOSITION 65**

**Chemicals known to cause cancer:** Not Listed

**Chemicals known to cause reproductive toxicity for females:** Not Listed

**Chemicals known to cause reproductive toxicity for males:** Not Listed

**Chemicals known to cause developmental toxicity:** Not Listed

**CARCINOGENIC CATEGORIES**

**EPA (Environmental Protection Agency):** Not Listed

**TLV (Threshold Limit Value Established by ACGIH):** Not Listed

**NIOSH-Ca (National Institute for Occupational Safety and Health):**

Not Listed

**GHS Label Elements:** The substance is classified and labeled according to the Globally Harmonized System (GHS).

**National Regulations:** Not Listed

**State Right to Know:** Not Listed

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

**Section 16  
OTHER INFORMATION**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910-1200.