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## MATERIAL SAFETY DATA SHEET

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**PRODUCT NAME:** Nutriplant™ AG

**DISTRIBUTED BY:**

Access Business Group International LLC  
7575 Fulton Street East  
Ada, Michigan 49355

**MSDS/PRODUCT INFORMATION:**

Business to Business Marketing Group  
7575 Fulton Street East  
Ada, Michigan 49355

**INFORMATION #: 1-800-992-6929, Ext. 5**

**For Poisoning Emergencies call 1-616-787-6307 (This is a 24-hour number)**

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### HAZARDOUS INGREDIENTS

(per OSHA Hazard Communication Standard)

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% in Product	CAS Number	COMMON NAME Chemical Name
<25%	6484-52-2	AMMONIUM NITRATE Nitric acid ammonium salt
<10	7783-28-0	AMMONIUM PHOSPHATE Phosphoric acid, diammonium salt
<10	7758-11-4	POTASSIUM PHOSPHATE Phosphoric acid, dipotassium salt
<10	7758-98-7	COPPER SULFATE Sulfuric acid copper(2+) salt (1:1)
<10	7720-78-7	IRON SULFATE Sulfuric acid, iron(2+) salt (1:1)
<10	7785-87-7	MANGANESE SULFATE Sulfuric acid, manganese(2+) salt (1:1)
<10	7733-02-0	ZINC SULFATE Sulfuric acid, zinc salt (1:1)

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### PHYSICAL AND CHEMICAL CHARACTERISTICS

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SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.050-1.250

pH: 4.0-5.0

APPEARANCE AND ODOR: This product is a brown suspended liquid with a characteristic fermentation odor.

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### PHYSICAL HAZARD DATA

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**HAZARDS:** This product does not present any physical hazards as defined by the OSHA Hazard Communication standard.

**FIRE HAZARDS:**

**FLASH POINT:** This product is not flammable or combustible.

**FIRE FIGHTING TECHNIQUES:** Standard: Wear full body protection. Wear self-contained breathing apparatus to protect against products of combustion. Use water spray, foam, dry chemical, CO<sub>2</sub>. Cool containers with water.

N.F.P.A. Hazard Rating: Health - 2, Flammability - 1, Instability - 0

(The N.F.P.A. hazard rating system is intended to provide basic information to fire fighting, emergency, and other personnel, enabling them to easily decide whether to evacuate the area or to commence emergency control procedures. It is not applicable to transportation or use by the general public and is not intended to address occupational exposures.

**REACTIVITY:**

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions/material to Avoid: Avoid excessive heat, flame, and contact with acids, strong oxidizers.

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**HEALTH HAZARD DATA**

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**EXPOSURE LIMIT:** An exposure limit for this product has not been established. Exposure limits for product ingredients have not been established.

**PRIMARY ROUTES OF EXPOSURE/ENTRY:** This product may affect the body if it contacts the skin or eyes, is inhaled or ingested.

**SIGNS/SYMPTOMS/EFFECTS OF EXPOSURE:**

**SKIN CONTACT:** Prolonged or repeated skin contact with this product may cause dry skin or irritation.

**EYE CONTACT:** May cause eye irritation.

**INGESTION:** Ingestion of this product may cause irritation of the mouth and throat, upset stomach, nausea, vomiting, and diarrhea. Ingestion may be harmful due to the presence of micronutrients.

**INHALATION:** Inhalation may cause irritation of the nose, throat, and lungs.

**NOTES:** Toxicology studies have shown this material to be of low acute toxicity.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin and eye disorders.

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**EMERGENCY AND FIRST AID PROCEDURES**

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**SKIN CONTACT:** Rinse thoroughly with water.

**EYE CONTACT:** Remove contact lenses. Rinse with a gentle stream of lukewarm water for 15 minutes, holding eyelids open. IF IRRITATION DEVELOPS, GET MEDICAL ADVICE by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a hospital emergency room.

**INGESTION:** If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting when this product is swallowed. If vomiting occurs spontaneously, keep victim in an upright position. If symptoms develop, GET MEDICAL ADVICE by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a hospital emergency room.

**INHALATION:** Remove to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling the emergency phone number on page one of this MSDS, or a local/regional Poison Control Center, or a hospital emergency room.

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**SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IF SPILLED OR RELEASED:** Wear appropriate personal protection equipment (respirator, gloves, goggles and/or face shield, boots, protective clothing). Contain/dike spill to prevent environmental release.

WASTE DISPOSAL: Dispose of in accordance with Federal, State and Local regulations.

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### **HANDLING PRECAUTIONS**

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**PROTECTIVE MEASURES:** Wear appropriate protective equipment to prevent eye contact (glasses, goggles, face shield).

Where use conditions and/or extent and duration of exposure dictate, appropriate protective measures to prevent prolonged skin contact (rubber gloves, protective clothing) and minimize inhalation exposures (engineering controls, NIOSH approved respiratory protection appropriate for the hazard presented) are recommended.

**WORK/HYGIENE PRACTICES:** For good personal hygiene, insure prompt removal from skin, and clothing.

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### **DISCLAIMER**

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The information contained herein is believed to be accurate and represents the best information currently available to us, much of which comes from the manufacturer or supplier of components of this product. Therefore, Access Business Group LLC makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to make certain that this MSDS is the most current MSDS for the product; to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. If there are any questions concerning the information contained in this sheet or its applicability to a particular use, the user is instructed to telephone 1-800-992-6929, Option 5. Access Business Group LLC assumes no responsibility for injury from the use of the product described in this sheet in a way different from that provided in the label directions.