

# **MATERIAL SAFETY DATA SHEET**

**Medina Agriculture Products Co., Inc.**  
**P.O. Box 309**  
**Hondo, Tx. 78861**  
**Phone: 830-426-3011 Fax: 830-426-3011**

Product Name: **Bio Basics PRO GRO 4 – 0 - 4**

Description: A nitrogen and soluble potash solution

## **Section 1: Identity**

Manufactured by: Medina Agriculture Products Company, Inc., PO Box 309, Hondo, Texas 78861  
Phone: 830-426-3011 / Fax: 830-426-2288

## **Section 2: Hazardous Ingredients/Identity**

This product contains no components of a hazardous nature.

## **Section 3: Physical/Chemical Characteristics**

Boiling Point: N/A	Specific Gravity: 1.12
Vapor Pressure: N/A	Evaporation Rate: N/A
Vapor Density: N/A	Melting Point: N/A
Solubility in water: 100%	Appearance and Odor: Amber with no odor

## **Section 4: Fire and explosion data**

Flash Point: N/A  
Auto Ignition temperature: N/A  
Fire extinguishing media: NIOSH/MSHA approved self-contained breathing apparatus.  
Flammable limits in air (% by vol.): N/A  
Unusual fire & explosion hazards: Thermal decomposition may produce nitrogen oxides and ammonia.

## **Section 5: Reactivity**

Stability: Stable  
Hazardous decomposition: Thermal decomposition may produce nitrogen oxides and ammonia.  
Hazardous Polymerization: N/A  
Incompatibility: Dried material is a strong oxidant and may cause spontaneous ignition and on contact with easily combustible materials. May react with chlorine and hypochlorites.

## **Section 6: Health Hazards**

Inhalation: May be irritating to respiratory system. If inhaled, move to fresh air.  
Ingestion: Harmful if swallowed. If ingested, drink plenty of water or milk. Do not induce vomiting until obtaining medical advise.  
Eye Contact: Slight irritant. Promptly flush, continuing for 15 minutes.  
Skin: Slight irritant. Get medical attention if irritation persists. Always call a physician if symptoms appear or persist.

## **Section 7: Spills, Leaks, and Disposal**

If spilled, contain, sweep and re-containerize. Dispose of according to local, state and federal ordinances. This material should be kept out of sewage and drainage systems, and all bodies of water.

## **Section 8: Special Handling Information**

Ventilation: None required.  
Protective devices: Rubber gloves and goggles  
Precautions to be taken in handling and storage: Avoid contact with skin, eyes or clothing. Avoid inhalation of mist. Do not ingest. This product contains nitrates. Ingestion, inhalation and dermal absorption of nitrates may cause headaches, weakness, giddiness, nausea, vomiting, ringing in the ears, mental confusion and occasionally visual disturbances. In the intestines, nitrates may be converted to nitrites which may cause reduced blood pressure, decreased heart rate, confusion, dizziness, fainting, cyanosis and coma.

*This information is presented in good faith; however, no warranty, expressed or implied is made.*

