

PLANT MARVEL LABORATORIES, INC.
CHICAGO HEIGHTS, ILLINOIS
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: NUTRICULTURE® HI-K SPECIAL 13-0-44

SECTION I PRODUCT INFORMATION

Manufacturer:	Plant Marvel Labs, Inc. 371 E. 16th Street, Chicago Heights, IL 60411	TELEPHONE NUMBERS:	
Formula:	Sprayable Fertilizer	Product Information:	708-757-7500
		Transportation Emergency:	800-535-5053
		Medical Emergency:	800-752-7869

SECTION II HAZARDOUS INGREDIENTS

Does product contain hazardous Ingredients?	NO																
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Does product contain carcinogens? (NTP/IARC/ORC)	NO																

SECTION III HEALTH HAZARD DATA

Effects of Overexposure:

Eye Contact: Irritation to eyes.

Skin Contact: May cause mild irritation to skin.

Inhalation: Inhalation causes coughing and irritation of nose, throat and mucous membranes.

Ingestion: Harmful if swallowed.

EMERGENCY FIRST AID PROCEDURES, QUICKLY FOLLOW PROCEDURES BELOW:

EYES - Flush eyes immediately with water for at least 15 minutes. Remove any contact lenses, then hold eyelids open and flush eyes thoroughly with water. Call a physician immediately.

SKIN CONTACT - Flush area with water while removing contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention.

INGESTION - Drink a quart of water. Contact a physician.

INHALATION - Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician immediately.

SECTION IV CHEMICAL DATA

Boiling Point:	1385°F	Specific Gravity (Water = 1)	2.11
Vapor Pressure (MMHG)	N/A	Evap Rate (B Acetate = 1)	N/A
Vapor Density (air=1)	N/A	Solubility in Water:	13.3g/100ml
Melting Point:	1172°F		
Appearance and Odor Information:		Blue crystals with no odor.	

SECTION V PHYSICAL HAZARD DATA

Flash Point: Above 300°F (TCC); Flammable Limits - LEL: N/A; UEL: N/A

Extinguishing Media: Non-flammable.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area of unprotected personnel. Wear protective fire fighting clothing and self-contained NIOSH-Approved breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Noxious fumes may form. Potassium nitrate is an oxidizer and therefore increases the intensity of any fire and the possibility of an explosion.

SECTION VI REACTIVITY DATA

Incompatibility (Materials to Avoid): Corrosive to Metals

Hazardous Decomposition Products: Oxides of Nitrogen

Will Hazardous polymerization occur? No

Is the Product Stable? Yes

SECTION VII SPILL AND LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Evacuate unprotected personnel from the area. Maintain adequate ventilation. Use proper Safety Equipment. Sweep up material into containers and dispose of properly.

Waste Disposal Method: Observe all Local, State and Federal Regulations. Dispose of at approved Waste Treatment Facility. Do NOT pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, flame, sparks or other sources of ignition.

SECTION VIII EXPOSURE CONTROL INFORMATION

Consult Safety Equipment Distributor.

Ventilation: Maintain adequate ventilation. Do not use in confined or closed space. Keep levels below recommended Exposure limits. To determine exposure levels, monitoring should be performed regularly. Avoid accumulation of dust.

Respiratory Protection: If recommended Exposure limits are exceeded wear NIOSH-approved self-contained breathing apparatus.

Protective Gloves: Rubber (Latex)

Eye Protection: Chemical Safety Glasses.

Other Protective Equipment: Eyewash station. Protective clothing.

Work Practices: Always follow safe work practices.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storage:

Store in cool, well-ventilated area, out of direct sunlight. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers.

Other Precautions:

Avoid contact with skin and eyes. Do not swallow. Avoid dust or mist formation. Use with adequate ventilation. Avoid breathing mists or dusts. Wash thoroughly after handling.

The data in this Material Safety Data Sheet related only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as a warranty or representation.