

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: K P Plus 1-51-33

Supplier name and address:

NutriAg Ltd.

39 Gail Grove

Toronto, Ontario, Canada

M9M 1M5

Emergency Telephone #: 613-996-6666 (Canutec)

Product use: Water Soluble Fertilizer

Chemical Family: MKP, potassium phosphate monobasic, potassium dihydrogen orthophosphate

Manufacturer's name and address:

Refer to Supplier

WHMIS information: Class D, Div.2A

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Component:

% N	:	0.7 – 1.3%
% P ₂ O ₅	:	49 – 53%
%K ₂ O	:	31 – 35%

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Blue crystalline granule
Odour	:	None.
Water Solubility	:	soluble in water
pH	:	N/A

SECTION 4 — FIRE AND EXPLOSION DATA

Flash Point and Method:	Does not flash.
Flammable Limits / % Volume in Air:	None known
Extinguishing Media:	Non-combustible media. Dry chemical, foam, water, carbon dioxide.
Special Fire Fighting Procedures and Precautions:	Full protective clothing
Unusual Fire and Explosion Hazards:	None

SECTION 5 — REACTIVITY AND STABILITY DATA

Stability	:	Indefinite under cool dry conditions.
Conditions To Avoid	:	None known
Hazardous Polymerization	:	None known
Hazardous Decomposition Products	:	Oxides of phosphorous
Incompatibility (Material to avoid)	:	Reactive with moisture

SECTION 6 — TOXICOLOGICAL INFORMATION

Acute Oral LD50 (rat)	:	7100 mg/kg
Acute Dermal LD50 (rabbit)	:	7940 mg/kg
Routes of exposure:	Skin contact, eye contact, inhalation and ingestion.	
Eye Contact	:	Mild eye irritant.
Skin Contact	:	Mild skin irritant.
Inhalation	:	Not usually a problem.
Ingestion	:	Treat symptomatically.

SECTION 7— FIRST AID MEASURES

Eye Contact:	Irritation of eyes may occur. Flush with running water for 15 minutes. If irritation persists, consult a physician.
Inhalation:	Irritation of nasal passages on prolonged exposure. Remove to fresh air.
Ingestion:	Irritation of throat may occur.
Skin Contact:	Wash skin and hair thoroughly with soap and water.

SECTION 8 — PREVENTATIVE MEASURES

Spill or Leak Procedures: Contain spill and sweep up material. Place in container for disposal.
Waste Disposal: Dispose of at incinerator or landfill site.

PROTECTIVE EQUIPMENT

Respiratory Protection: Wear MSHA/NIOSH approved mask, if conditions warrent.
Protective Clothing: Rubber or impervious gloves recommended.
Additional Protective Measures: Clothing consistent with good handling practice of pesticides and agricultural products.

STORAGE & HANDLING

Handling and Storing Precautions: Store in a cool, dry, well-ventilated area. Do not contaminate water, food or feed by storage or disposal.

Special Shipping Information:

Transportation of Dangerous Goods (TDG) information:

Shipping Description: non-hazardous, granular micronutrient fertilizer

SECTION 9 — PREPARATION INFORMATION

Prepared by: NutriAg Ltd.
Telephone number: 416-636-1555
Preparation date: May 19, 2009

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