

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: **Base K**

Supplier name and address:

Plant Science Inc.

2934 Vandorf Sideroad
Gormley, Ontario, Canada
L0H 1G0

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

Product use: Liquid Micronutrient Fertilizer
containing potassium

Manufacturer's name and address:

Refer to Supplier

WHMIS information:

SECTION 2 — CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

<u>Component:</u>	<u>% (weight)</u>
Proprietary formulation of a liquid potassium fertilizer	100 %

SECTION 3 — PHYSICAL AND CHEMICAL PROPERTIES

% K₂O	23 – 25%
Appearance:	Light to Dark Brown liquid.
Odour:	Fruity
Specific Gravity:	1.37 – 1.39
Water Solubility:	Completely soluble.
pH (10% solution):	5.5 – 7.5

SECTION 4 — FIRE AND EXPLOSION DATA

Flash Point And Method	:	Non flammable
Extinguishing Media	:	Dry powder, carbon dioxide, water, foam
Unusual Fire Hazards	:	None known
Unusual Explosion Hazards	:	None known
Special Fire Fighting	:	
Procedures And Precautions	:	None

SECTION 5 — REACTIVITY AND STABILITY DATA

Stability	:	Stable in normal use and storage. Store in sealed containers.
Conditions to Avoid	:	None known
Hazardous Polymerization	:	Will not occur
Hazardous Decomposition	:	
Products	:	None known
Incompatibility	:	Lime Sulphur and Bordeaux Mixture
(Materials to avoid)	:	

SECTION 6 — TOXICOLOGICAL INFORMATION

Routes of exposure: Skin contact, eye contact, inhalation and ingestion.

Eye Contact	:	Mild eye irritant.
Skin Contact	:	Mild skin irritant.
Inhalation	:	Low toxicity. Not usually a problem.
Ingestion	:	Low toxicity. Treat symptomatically.

SECTION 7— FIRST AID MEASURES

Inhalation:	If breathing is difficult, remove person to fresh air. If breathing stops, provide rescue breathing and obtain medical attention immediately.
Skin contact:	Wash affected area with soap and water, while removing contaminated clothing. Launder clothing before re-use. If irritation persists, seek medical attention.
Eye contact:	Immediately flush eyes with running water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion: If swallowed, induce vomiting. Obtain medical attention immediately. Never give anything by mouth to an unconscious person.

SECTION 8 — PREVENTATIVE MEASURES

Spill or Leak Procedures: Soak up on dust-free sawdust and place in a marked container Wash down area with water.

Waste Disposal: Material that cannot be used or chemically reprocessed and empty containers should be disposed of in accordance with all applicable laws and regulations.

PROTECTIVE EQUIPMENT

Ventilation and engineering controls: Use with adequate ventilation.

Respiratory protection: Use NIOSH approved respirators.

Protective gloves: Wear rubber gloves impervious to the material.

Eye protection: Chemical goggles, to prevent liquid splashes from entering the eyes.

Other protective equipment: Wear chemically resistant overalls and impervious boots to prevent skin contact. A safety shower and eyewash station should be made available in the immediate working area.

STORAGE & HANDLING

Handling and Storing

Precautions: Store in a cool, dry, well-ventilated area. Protect from freezing. Avoid contamination of food, feed, domestic or irrigation water supplies, lakes, streams and ponds.

Special Shipping Information:
 Transportation of Dangerous Goods (TDG) information: not regulated for transport
Shipping Description: liquid micronutrient fertilizer.

SECTION 9 — PREPARATION INFORMATION

Prepared by: Plant Science Inc.
Telephone number: 1-866-499-0659
Preparation date: August 22 2015

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