

Product Name: Load K
Product ID # 765

Section I MANUFACTURERS INFORMATION

Manufacturer's Name & Address	Emergency Telephone Number:	509-547-8234
Northwest Agricultural Products	Number for information:	509-547-8234
P.O. Box 3453	Date Revised:	March 2, 2010
821 S. Chestnut	Date Reviewed:	April 8 th , 2013
Pasco, WA 99302		

Section II HAZARDOUS INGREDIENTS

Material Component	%	Exposure Limits in Air		Hazard Data
		ACGIH TLV	OSHA PEL	
Potassium Sulfate (CAS No. 7778-80-5)	4.74			
Potassium Nitrate (CAS No. 7757-79-1)	16			

***** Product Identification*****

Chemical Name: Plant Nutritional Activator
 Chemical Family: Fractions of Humic Acids
 Formula: Proprietary Organic Formulation

Section III PHYSICAL DATA

Boiling Point, 760 MM HG	100 C	Melting Point	n/a
Specific Gravity (H2O=1)	2.2 @ 20c	Vapor Pressure	Not Known
Vapor Density (AIR=1)	Not Known	Solubility in H2O, Approx. 98%	100% BY WT.
% Volatile by Vol.	Not known	Evaporation Rate	(Butyl Acetate=1) Not Known
Appearance and Odor	Brown/yellow Liquid		

Section IV FIRE AND EXPLOSION DATA

Flashing Point (Test Method)	N/A	None Temperature	N/A	
Flammable Limits in Air, % By Vol.		Lower N/A	Upper	N/A
Extinguishing Media		N/A		
Special fire fighting Procedures		N/A		
Unusual Fire and Explosion Hazard		N/A		

Section V HEALTH HAZARD INFORMATION

Symptoms of Overexposure

Inhalation: May cause respiratory tract irritation, nausea, vomiting, weakness, fever, chills and loss of appetite. Chronic Exposure may cause pneumonia, liver damage and neuralgic damage.

Skin Contact: May cause skin irritation.

Skin Absorption: None known.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion may result in nausea, vomiting, diarrhea, blood in vomitus and stools, burning pain in the mouth and throat, abdominal pain, lethargy, confusion, edema, leukocytosis, hyperglycemia, acidosis, shock, liver and kidney damage, and other gastrointestinal and neurologic symptoms and damage. Ingestion by a child of more than 60 ml (2 ounces) or by an adult of more than 150 ml (5 ounces) may be fatal.

Emergency and First Aid Procedures

Eyes: Immediately flush with water for 15 minutes, lifting eyelids to flush thoroughly

Skin: Wash thoroughly with water.

Inhalation: Remove to fresh air. If breathing is difficult, contact a physician.

Ingestion: Drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil. Do not induce vomiting. Contact a physician.

Suspected Cancer Agent? No

This product's ingredients are not found in the lists below.

___Federal OSHA ___NTP ___IARC ___CAL/OSHA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Hemochromatosis.

NOTES TO PHYSICIAN: Contains citric acid (1.0%); pH 1.7. Ingestion of more than 0.5 ml of product per kg body weight may result in iron toxicity.

Section VI REACTIVITY DATA

STABILITY XX Stable _____ Unstable

INCOMPATIBILITY (material to avoid) avoid contact with strong alkaline materials such as caustic potash (potassium hydroxide) and caustic soda (sodium hydroxide). Mildly corrosive to common metals.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS oxides of sulfur and zinc.

HAZARDOUS POLYMERIZATION N/A

Section VII SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Neutralize with dilute alkaline solution and wash down sewer if federal, state and local regulations permit.

NEUTRALIZING CHEMICALS: Baking soda (sodium bicarbonate), soda ash or lime.

WASTE DISPOSAL METHOD: Follow all applicable federal, state and local regulations.

Section VIII SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Use General or local exhaust ventilation to meet TLV requirements.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: None required where appropriate ventilation conditions exist. If the TLV is exceeded, a self-contained breathing apparatus is advised.

EYE: Safety Goggles.

GLOVES: Acid-resistant gloves such as rubber or neoprene.

OTHER CLOTHING AND EQUIPMENT: Coats, coveralls or aprons are recommended.

Section IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Avoid contact with skin, eyes or clothing. Do not ingest. Avoid inhalation of mists.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep lid tightly closed. store in a dry area, above freezing and below 105 f, out of direct sunlight and away from strong alkalies. Keep out of reach of children.

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ORG DATE: October 18, 2002

SECTION X DOT INFORMATION AND DATE

DOT CLASSIFICATION: Not regulated DOT LABEL: None required

All information, recommendations and suggestions appearing herein concerning our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for this own use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product; nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.