



## Safety Data Sheet

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### 1. IDENTIFICATION OF THE MIXTURE AND SUPPLIER

Chemical Name:	Potassium Humate
<b>GHS Product Identifier:</b>	Power K 0-0-4
<b>Recommended use and restrictions:</b>	Soluble humic acid for soil applications.
<b>Supplier Details:</b>	Natural Resources Group Inc. 34284-B Road 196 Woodlake CA 93286 Ph: 559.564.1236 Fax: 559.564.1238 Chemtrec: 800-424-9300
<b>Emergency Phone Number</b>	

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### 2. HAZARDS IDENTIFICATION

<b>GHS Classification</b>	Not Classified
<b>GHS Label Elements</b>	None
<b>Signal Word:</b>	WARNING
<b>Symbols:</b>	(none)
<b>Hazard Statements:</b>	This product is non-toxic
<b>Precautionary Statements</b>	
<b>Prevention:</b>	Observe good industrial hygiene practices.
<b>Response:</b>	Wash hands after handling.

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### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Product contains no hazardous ingredients at reportable concentrations.

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### 4. FIRST AID MEASURES

<b>Eye Contact:</b>	If this product enters the eyes, flush eyes with water for 15 minutes. If symptoms occur, consult a physician
<b>Skin Contact:</b>	Remove contaminated clothing. If the product contacts the skin, rinse skin with soap and water. Consult a physician if symptoms persist.
<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Ingestion:</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water and swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.



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## 5. FIRE FIGHTING MEASURES

### FIRE & EXPLOSION PREVENTIVE MEASURES

Non flammable, no explosive risk.

### EXTINGUISHING MEDIA

In case of fire, use appropriate extinguishing agent for surrounding fires: carbon dioxide, dry chemical powder, alcohol resistant foam or water spray.

### SPECIAL FIRE FIGHTING PROCEDURES

Wear self-contained respirator and fully protective impervious suit.

### UNUSUAL EXPLOSION AND FIRE PROCEDURES

None.

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## 6. ACCIDENTAL RELEASE MEASURES

### SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

In case of a release, clear the affected area and protect people. Uncontrolled releases should be responded to by appropriately trained personnel in proper personal protective equipment, using pre-planned procedures. In terms of small incidental releases, the minimum personal protective equipment should be as follows: gloves, goggles and appropriate body protection (i.e. boots, Tyvex suit, rubber gloves and leather or cloth gloves over latex gloves.)

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## 7. HANDLING AND STORAGE

### HANDLING:

Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated exposure. Open and handle container with care. Keep ignition sources away.

### STORAGE

Store in a tightly closed container in a dry, well-ventilated place.

### STORAGE TEMPERATURE:

15 – 30°C

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT:

The user, as part of a formal exposure risk assessment, should decide upon the provision of personal protective equipment and the need to provide engineering control measures. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.

### RESPIRATORY PROTECTION:

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced.

### EYE PROTECTION:



### **Power K 0-0-4**

Wear goggles or safety glasses when using this product. Make sure that there is an eyewash facility in your vicinity.

#### **SKIN PROTECTION:**

Wear impervious gloves and protective clothing.

#### **WORK & HYGIENIC PRACTICES:**

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance (physical state, color, etc.):</b>	Dark brown/black flakes
<b>Odor threshold:</b>	Not Available
<b>pH:</b>	Not Available
<b>Melting point/freezing point:</b>	Not Available
<b>Initial boiling point and boiling range:</b>	Not Available
<b>Flash point:</b>	Not Available
<b>Evaporation rate:</b>	<1.0
<b>Flammability (solid, gas):</b>	Not Available
<b>Upper/lower flammability or explosive limits:</b>	Not Available
<b>Vapor pressure:</b>	Not Available
<b>Vapor density:</b>	Not Available
<b>Relative density:</b>	Not Available
<b>Solubility in water:</b>	98% - 100%
<b>Partition coefficient: n-octanol/water:</b>	Not Available
<b>Autoignition temperature:</b>	Not Available
<b>Decomposition temperature:</b>	Not Available

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## **10. STABILITY AND REACTIVITY**

### **STABILITY**

Stable under normal temperatures and pressures.

### **CONDITIONS TO AVOID**

Isolate from extreme heat, and incompatible materials.

### **MATERIALS TO AVOID**

Acidic materials.

### **HAZARDOUS DECOMPOSITION PRODUCTS**

None known

### **HAZARDOUS POLYMERIZATION**

Will not occur.



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## 11. TOXICOLOGICAL INFORMATION

### ACUTE HAZARDS

**EYE & SKIN CONTACT:**

Eye and Skin irritation.

**INHALATION:**

May cause irritation.

**SWALLOWING:**

May be harmful if swallowed.

### SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

**CONDITIONS AGGRAVATED:**

None Known.

### CHRONIC HAZARDS

**CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

Not available.

### MAMMALIAN TOXICITY INFORMATION

Not available.

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## 12. ECOLOGICAL INFORMATION

Toxicity:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Persistence and degradability:	The product is expected to be biodegradable
Bioaccumulative potential:	The product is not expected to bio-accumulate
Bioconcentration factor (BCF):	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available
Other adverse effects:	Not Available

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## 13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.



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## 14. TRANSPORT INFORMATION

DOT: Not Regulated  
IATA: Not Regulated  
IMDG: Not Regulated

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## 15. REGULATORY INFORMATION

### United States:

Toxic Substance Control Act (TSCA): Not listed  
Superfund Amendments and Reauthorization Act (SARA 302): Not listed  
Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed  
Superfund Amendments and Reauthorization Act (SARA 313): Not listed

### European Union:

Not listed

### Canada

Canadian Domestic Substances List (DSL): Some materials not listed.

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## 16. OTHER INFORMATION

### HAZARD RATINGS:

**HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0**

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

### EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

**Date Prepared: 5-13-16 CD**

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This document is drafted based on the present state of our knowledge at the time of publication. It is given in good faith and neither implies nor expresses any warranty in regards to product quality or specification. The user must satisfy himself that the product is suitable for a given application.