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Pennamin High K

MATERIAL SAFETY DATA SHEET

MSDS#: 1276

Product Code: PennHighK

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EMERGENCY NUMBER: After hours, holidays, and all other non-business address, call CHEMTREC at 800 424 9300

Section I - Product Identification

Trade Name: Pennamin High K

Chemical Description: Proprietary Blend of amino acids

Chemical Activity: 6-0-15+9%Ca

DOT Shipping Name: Fertilizer Compound, NOI, Dry

Section II - Hazardous Identity Information and Emergency Overview

Not considered a hazardous product. Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Product is not flammable or reactive. Product is non-toxic, non-regulated, non-caustic.

Route(s) Of Entry: Ingestion and Dermal or inhalation

Potential Health None known

Effects:

Signs & Symptoms May cause eye or skin irritation

Of Exposure:

Carcinogenicity Not listed.

Mutagenicity:

Section III - Physical and Chemical Properties

Boiling Point: N/av

Melting Point: N/Ap

Specific Gravity:

pH: 5.5

Appearance Tan Powder

And Odor:

Section IV - Fire and Explosion Data

Flash Point: N/A

LEL: N/Ap

Flammable Limits: N/Ap

UEL: N/Ap

Extinguisher Water spray, foam, Carbon dioxide (Co2)

Media:

Special Fire Fighting Procedures: As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from the fire area. Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing.

Unusual Fire And Explosion Hazards: None known

Section V - First Aid Data

Ingestion: If victim is conscious and alert, rinse mouth with cool water. Drink plenty of water or milk to dilute. **Never give anything to eat or drink to someone who is unconscious, having convulsions, or unable to swallow.** Do not leave victim unattended. Induce vomiting. Give more to drink after vomiting to further dilute the chemical.

Eyes: Flush eyes with large quantities of running water for a minimum of 15 minutes. If victim is wearing contact lenses, remove them. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water. DO NOT let victim rub eye(s). Do not attempt to neutralize with chemical agents. Oils/ointments should not be used at this time. Get medical attention if eye irritation occurs.

Skin: Remove contaminated clothing and equipment. Wash all affected areas with plenty of soap and water for at least 15 minutes. Wash contaminated clothing and shoes before reuse. Get medical advice if irritation occurs.

Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

Section VI - Stability and Reactivity

Stability: This product is stable.

Hazardous Decomposition: None known.

Incompatible Materials: None known.

Conditions To Avoid: None known.

Hazardous Combustion Products: N/Ap

Polymerization Conditions To Avoid: None Known.

Section VII - Precautions for Safe Handling

Steps To Be Taken In Case Material Is Released Or Spilled: After wearing and using recommended protective equipment, stem the leak by diking with sand or absorbent material. Collect as much spilled material as possible and place in a clean plastic containers for eventual re-use or disposal. Wash residues away with water. Dispose of in accordance with local regulations.

Handling And Storage Precautions: Always wear gloves, protect eyes and face. Store product in its original packaging in a dry, well ventilated place, away from sunlight and substances constituting a fire hazard.

Section VIII - Disposal Information

Waste Disposal Methods: Chemical additions, processing or otherwise altering this material may make the waste management information present in this MSDS incomplete, inaccurate or otherwise inappropriate. Be advised that state/local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of material.

Container Disposal Information: Be advised that state/local requirements for container disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of container.

Section IX - Exposure Control & Personal Protection

Skin Protection: Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e. shirts and pants). Consideration must be given to both to durability as well as permeation resistance.

Respiratory Protection: Not necessary in normal working conditions. If respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

Eye Protection: Eye/face protection requirements vary depending upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be used for the particular use intended for this material. Use chemical safety glasses with side shields or splash proof goggles and face shield to prevent eye/face contact. Emergency eye wash must be readily accessible to work area.

Other Protection: All food and smoking materials should be kept in a separate area away from the storage/use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, drinking or smoking, hands and face should be thoroughly washed.

Hygienic Practices: All food / smoking materials should be kept in a separate area away from the storage/use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, drinking or smoking, and at end of work day, hands and face should be thoroughly washed. Facilities storing or using this material should be equipped with an eyewash and safety shower. Avoid prolonged or repeated breathing of spray mist and contact with skin. Launder contaminated clothing.

Section X - Transport Information/Regulatory Comments

DOT Hazard Class: Not regulated by D.O.T.

OSHA Status: This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

TSCA Status: Not Listed/Non-reportable

State Right To Know Laws:

The following ingredients are disclosed for compliance with State Right to Know Laws:

CAS#	Chemical Name	State RTK
	none	

California Proposition 65:

This product does NOT contain a chemical or chemicals subject to California Proposition 65.

Michigan Critical Materials:

This product does NOT contain ingredients listed on the Michigan Critical Materials Register.

Key Legend Information:

N/Av: Not Available **N/Ap:** Not Applicable **OSHA:** Occupational Safety and Health Administration **Lower Explosive Limit (LEL)** **Upper Explosive Limit (UEL)**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Material Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200). This supersedes any previous information. All LidoChem, Inc. MSDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new MSDS from LidoChem, Inc. if the date is older than 3 years.

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Material Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Material Safety Data Sheet available to your employees.