

Distributor: Southern Maintenance Supply Co. Inc. 320 Page Street, Lynchburg, VA 24501 (434)847-4396

## 1. Product and Company Identification

**Product Code:** 4271  
**Product Name:** Ultrax Presoak  
**Company Name:** PDQ Manufacturing, Inc. **Phone Number:**  
201 Victory Circle (706)636-1848  
Ellijay, GA 30540  
**Web site address:** www.pdqonline.com  
**Emergency Contact:** Chemtrec, Use Company Code: A814 (800)424-9300  
**Information:** info@pdqonline.com (706)636-1848

## 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 1A**  
**Skin Corrosion/Irritation, Category 1B**  
**Skin Corrosion/Irritation, Category 1C**  
**Serious Eye Damage/Eye Irritation, Category 2A**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H319 - Causes serious eye irritation.

**GHS Precaution Phrases:** P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advise. Have product container or label with you when calling poison control center or physician.  
P310 - Immediately call a POISON CENTER or doctor/physician.  
P321 - Specific treatment see ... on this label.  
P330 - Rinse mouth.  
P337+313 - If eye irritation persists, get medical advice/attention.  
P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
P501 - Unused product is not a RCRA Hazardous waste. However, contaminated product and wastes may be RCRA hazardous. Users are advised to determine the appropriate disposal method based on local, state and federal regulations and comply with those regulations.

**Potential Health Effects (Acute and Chronic):** Adverse reproductive effects have been reported in animals.  
Chronic inhalation may cause effects similar to those of acute inhalation.  
Chronic: Effects may be delayed.

**Inhalation:** Causes respiratory tract irritation. Harmful if inhaled.

**Skin Contact:** Causes skin irritation. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested.

**Eye Contact:** Causes eye irritation. May cause transient corneal injury. Lachrymator (substance which increases the flow of tears).

**Ingestion:** May cause irritation of the digestive tract. Harmful if swallowed.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	>40.0 %
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	1.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** If breathed in, move person into fresh air.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes. Wash off with soap and plenty of water. Consult a physician.

**In Case of Eye Contact:** Do NOT allow victim to rub eyes or keep eyes closed. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid. Rinse mouth with water. Consult a physician.

**Signs and Symptoms of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Prolonged or repeated exposure can cause:

### 5. Fire Fighting Measures

**Flash Pt:**

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:**

**Suitable Extinguishing Media:** Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Substance is noncombustible. Wear self contained breathing apparatus for fire fighting if necessary.

**Flammable Properties and Hazards:**

## 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8.  
Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment.  
Personal precautions.  
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.  
Environmental precautions.  
Do not let product enter drains.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Use with adequate ventilation. Discard contaminated shoes. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**Precautions To Be Taken in Storing:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids. Store in a cool, dry place. Keep away from acids. Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
10101-89-0	Sodium phosphate, Tribasic dodecahydrate			
9014-01-1	Protease, Type VIII, from bacillus licheniformis (Biopraxe)		CEIL: 0.00006 mg/m3	

**Respiratory Equipment (Specify Type):** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls (Ventilation etc.):** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid

**Appearance and Odor:** Granular blue powder  
Fragrant odor.

**Melting Point:**

**Boiling Point:**

**Autoignition Pt:**

**Flash Pt:**

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):**

**Density:** ~ 60 LB/CF

**Vapor Pressure (vs. Air or  
mm Hg):**

**Vapor Density (vs. Air = 1):**

**Evaporation Rate:**

**Solubility in Water:** ~ 20%

**pH:** ~ 12.0 @ 1%

**Percent Volatile:**

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid -** dust generation, Incompatible materials, Excess heat, Avoid moisture.

**Instability:**

**Incompatibility - Materials To Avoid:** Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. Acids, Strong acids. Metals. fluorine, Hydrogen peroxide, phosphorus pentoxide, 6-trinitrotoluene.

**Hazardous Decomposition Or Byproducts:** oxides of phosphorus, sodium oxide. Carbon monoxide, Carbon dioxide, formed under fire conditions. Nature of decomposition products unknown.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Reactions:**

**Conditions To Avoid -  
Hazardous Reactions:**

## 11. Toxicological Information

<b>Toxicological Information:</b>	Epidemiology: No information found. Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity: Teratogenicity: Teratogenic effects have occurred in experimental animals. Other Studies:
<b>Irritation or Corrosion:</b>	Serious eye damage/eye irritation: Eyes - rabbit - Moderate eye irritation.
<b>Carcinogenicity/Other Information:</b>	CAS# 10101-89-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7601-54-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	n.a.	n.a.	n.a.	n.a.
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Bioprase}	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

<b>General Ecological Information:</b>	Environmental: Phosphates promote the eutrophication of lakes and other bodies of water. Physical: No information available. Other: No information available. Not regulated under U.S. Department of Transportation regulations (29 CFR)
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.

## 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed. Product. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.  Contaminated packaging. Dispose of as unused product.
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## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Corrosive solid, basic, inorganic, n.o.s. ()

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN3262

**Packing Group:** II



## 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	No	Yes 5000 LB	No
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No
9014-01-1	Protease, Type VIII, from bacillus licheniformis {Biopraxe}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

## 16. Other Information

**Revision Date:** 02/10/2015  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
REACTIVITY	<input type="checkbox"/>	1
PPE	B	

**HMIS:**

**Additional Information About This Product:**

**Company Policy or Disclaimer:**

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.