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PHOENIX PRODUCTS CO. PRODUCT NAME: STAINBUSTER AND MATERIAL  
55 CONTAINER DR PRIVATE LABEL SAFETY DATA  
TERRYVILLE, CT 06786 SHEET  
(860) 589-7502 2/25/02  
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**SECTION I - IDENTIFICATION**

**CHEMICAL NAME & SYNONYMS:** 1-Hydroxyethylidene-1, 1-diphosphonic acid.  
**TRADE NAME:** Stainbuster and Private label  
**DESCRIPTION:** Clear liquid having a slight odor.  
**CAS NO.** 2809-21-4  
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**SECTION II - PHYSICAL DATA**

**Boiling Point:** > 212°F **Freezing Point:** N/A  
**Vapor Pressure:** N/A **Specific Gravity (H<sub>2</sub>O=1):** 1.45  
**% Volatile by Volume:** N/A **Vapor Density:** N/A  
**Solubility in water:** Complete in water **Evaporation Rate:** N/A  
**pH (neat):** 1.0 **pH (100ppm in water):** 2-3  
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**SECTION III - HAZARDOUS INGREDIENTS**

MATERIAL	CAS NO.	HAZARD DATA
1-Hydroxyethylidene-1, 1-diphosphonic acid	2809-21-4	proprietary formulation
None		

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** None < 212°F **Autoignition Temp:** N/A  
**Flammable Limits in Air % By Volume:** N/A  
**Extinguishing Media:** Water fog, carbon dioxide, foam, dry chemical.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
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**SECTION V - HEALTH HAZARD DATA**

**ACUTE EFFECTS:** Acute oral LD50 = 3.1 g/kg; Acute Dermal LD50 > 10g/kg  
**IRRITANT EFFECTS:** Corrosive to skin and eyes.  
**SENSITIZATION EFFECTS:** Not tested, but none expected.  
**CARCINOGENIC POTENTIAL:** Not listed in any OSHA Standard, Section 1910. 1200 Sources as carcinogenic.  
**OTHER HEALTH EFFECTS:** None known.  
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**SECTION VI - EMERGENCY AND FIRST AID PROCEDURE**

**INHALATION:** Remove to fresh air.  
**SKIN:** Wash off with soap and water. Consult a physician if irritation occurs. Remove and wash contaminated clothing before reuse.  
**EYE:** Immediately flush with cool water for at least 15 minutes. Immediately consult a physician.  
**INGESTION:** N/A  
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**SECTION VII - TOXICOLOGY**

**Acute Oral LD50:** 3.1 g/kg **Acute Dermal LD50:** >10g/kg

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**SECTION VIII - REACTIVITY DATA**

**Stability:** Stable

**Conditions to Avoid:** None

**Incompatibility (materials to avoid):** Strong Alkali

**Hazardous Decomposition:** None

**Hazardous Polymerization:** Will not occur.

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**CHEMICAL NAME:**  
1-Hydroxyethylidene-1, 1-diphosphonic acid

**TRADE NAME:** Stainbuster and  
Private label

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### SECTION IX - SPILL, LEAKAGE & DISPOSAL PROCEDURES

**Steps to take if material leaks or spills:** Large Spills: Dam area to prevent spill from spreading. Small Spills: Flush Liquid to sewer with copious amounts of water.

**Waste disposal method:** Product is a hazardous waste. EPA Hazard Code (C). EPA Hazardous Waste Number D0002 due to pH. Offer empty drum for recycling or triple rinse and dispose of in an approved landfill. Must comply with all Federal, State and Local regulations.

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### SECTION X - SPECIAL PROTECTION DATA

**Ventilation:** N/A

**Eye Protection:** Use goggles or safety glasses.

**Respiratory Protection:** Use an approved NIOSH respirator.

**Protective Gloves:** Use respiratory gloves.

**Other Equipment:** Wear clean, long-sleeved, body-covering clothing and boots.

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### SECTION XI - SPECIAL PRECAUTIONS DATA

**Handling and Storage:** N/A

**Other:** Rubber gloves and safety glasses or goggles are required. Body-protective clothing and shoes are recommended. eye wash station near the work place are strongly recommended.

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### SECTION XII - TRANSPORTATION INFORMATION

This material is not a hazardous material and is not regulated by the D.O.T.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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THE PHOENIX PRODUCTS COMPANY  
55 CONTAINER DR  
TERRYVILLE, CT 06786