

3P, Inc.  
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 Westerly RI 02891  
 401-596-4520

Hazard Rating			Health	1
			Fire	0
Minimal 0	Slight 1	Severe 4	Reactivity	0
Moderate 2	Serious 3			

MATERIAL SAFETY DATA SHEET  
 (Complies with 29 CFR 1910:1200)

**SECTION 1: PRODUCT IDENTIFICATION**

**Chemical Name:** **Chemical Family:** Liquid Alkaline Detergent  
**Trade Name:** Hydrocer™ – Clean US **Date Issued:** 10/31/02 **Revised:** 01/28/08

**SECTION 2: HAZARDOUS INGREDIENTS**

As listed in EPA 40 CFR Parts 261 & 116 and/or Mass DEP 105 CMR 670.00

Chemical Name	CAS #	% by Weight	Hazard Data
Sodium Metasilicate	6834-92-0	4.0	TWA – 5 mg/m <sup>3</sup>
Tetrasodium EDTA	64-02-8	1.6	None
Sodium Xylene Sulfonate	1300-72-7	1.6	None

**SECTION 3: PHYSICAL DATA**

**Boiling Point/Range (°F):** Comp to Water **Specific Gravity:** 1.074  
**% Volatile by volume:** 83.5 Water = 1  
**Evaporation Rate (BuAc=1):** Comp to Water **Weight/Gallon:** 8.80#  
 Water = 8.33#  
**Vapor Pressure:** Comp to Water (mm/Hg)  
**Vapor Density:** Comp to Water (air=1)  
 Heavier  Lighter   
**Solubility in Water:** Complete  
**Physical State:** Clear, thin, orange liquid  
**Odor:** Citrus  
**Other:**

**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** None **Flammable Limits: LeI Uel**  
 Not Applicable

**Fire Extinguishing Media:**

Water Fog Foam Gas (CO<sub>2</sub>/Halon) Dry Chemical Other

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

**SECTION 5: HEALTH HAZARD DATA****Threshold Limit Value:** Not Established**Primary Routes of Entry:** Skin Absorption**Effects of Overexposure:****Acute:** May cause minor eye irritation. Harmful if swallowed.**Chronic:** Prolonged skin and eye contact may cause dermatitis and conjunctivitis.**Emergency and First Aid Procedures:****Inhalation:** No Hazard**Eyes:** Flush thoroughly with plenty of water for at least 15 minutes keeping eyelids apart. If irritation persists get medical attention.**Skin:** Flush thoroughly with plenty of water. Remove contaminated clothing. If irritation persists, get medical attention.**Ingestion:** Drink large quantities of water. If person is conscious, induce vomiting. Get medical attention.**SECTION 6: REACTIVITY DATA**

**Stability:** Unstable  Stable  **Hazardous Polymerization:** May Occur  Will Not Occur

**Conditions to Avoid:** Extreme Heat.**Materials to Avoid:** Do not mix with other chemicals**Hazardous Decomposition Products:** May produce toxic gases upon combustion.**SECTION 7: SPILL OR LEAK PROCEDURES**

**Steps to be Taken in Case Material is Released or Spilled:** Neutralize with dilute acid, if available. Preferably acetic (vinegar) or rinse up with a large quantity of water which will lower the pH to below 12.5. Can also absorb with floor absorbent, sawdust, rags, etc. and place in a sealed container. Avoid contact with skin, eyes or clothing.

**Waste Disposal Method:** Flush down sanitary sewer system or dispose of sealed container according to local regulations for hazardous waste.

**SECTION 8: SPECIAL PROTECTION INFORMATION****Respiratory Protection:** None Required**Ventilation Type:** Local Exhaust Adequate**Protective Gloves:** Recommended**Eye Protection:** Recommended**Other Protective Equipment:** Solvent resistant apron, boots**SECTION 9: SPECIAL PRECAUTIONS**

**Handling and Storage Precautions:** Do not store at temperature extremes. Keep from freezing. Avoid contact with skin and eyes. Do not take internally.

**Other Precautions:** Keep out of the reach of children.