

MATERIAL SAFETY DATA SHEET**NFPA RATING:** Health = 0 Flammability = 0 Reactivity = 0**HMIS RATING:** Health = 0 Flammability = 0 Reactivity = 0**SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (538N-36A)****Manufacturer's Name:** HILLYARD INDUSTRIES**Product Name:** EXTRACTION pH RINSE**Address:** 302 North Fourth Street**Date Prepared:** August 24, 2007

St. Joseph, MO 64501

Prepared by: Regulatory Affairs Department**Emergency Telephone No.:** (800) 424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure or accident involving chemicals.)**Other information calls:** (816) 233-1321 (Ext. 8285)<http://www.hillyard.com>**SECTION II -- INGREDIENTS/IDENTITY INFORMATION****Components****(Specific Chemical Identity:**

Common Name(s)	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	%
Water	7732-18-5	N/A	N/A	N/A	---
Anionic Polymer	N.J. Trade Secret Registry #58- 2380661-5019	N/A	N/A	N/A	---

VOC = 0% (concentrate)

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 202°F	Specific Gravity (H₂O = 1): 25°C = 1.01 & 39°C = 1.01
Vapor Pressure (mm Hg.): 17.6	Percent Volatile by Volume (%): 96
Vapor Density (AIR = 1): 0.6	Evaporation Rate (ethyl ether = 1): slower than 1
Solubility in Water: complete	Appearance and Odor: Clear, colorless liquid; non-objectionable odor
PH (concentrate): 2.6	

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None (T.C.C.)	Flammable Limits: LEL = N/A UEL = N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: None	
Unusual Fire and Explosion Hazards: None	

SECTION V -- PHYSICAL HAZARDS

Stability: Stable	Conditions to Avoid: N/A
Incompatibility (Materials to Avoid): None known	
Hazardous Decomposition Products or Byproducts: Oxides of carbon and sulfur may be formed during thermal decomposition.	
Hazardous Polymerization: Will not occur	Conditions to Avoid: N/A

SECTION VI -- HEALTH HAZARD DATA**Routes of entry:** Inhalation? No Skin? No Ingestion? No**HEALTH HAZARDS (1. Acute and 2. Chronic)**

1. Test showed that per the Federal Hazardous Substance Act this concentrated product was not considered to be a primary skin irritant nor a primary eye irritant; however, the concentrate might induce slight irritation in some sensitive individuals. The product was not orally toxic at 5 g/kg when tested and it was not toxic by inhalation at 212 mg./liter when tested according to the U.S. Federal Hazardous Substance Act Regulations. 2. None known

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SECTION VI -- HEALTH HAZARD DATA continued

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No **I.A.R.C. Monographs =** No **OSHA =** No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater than or equal to 0.1%.

Signs and Symptoms of Exposure: None known

Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures: N/A

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Pick up with mop or wet vac and wash away with water.

Waste Disposal Method: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined by under the U.S. EPA Resource Conservation and Recovery Act (RCRA) 40CFR261. Large spills should be picked up with wet vac or absorbent material and incineration. Dispose of liquid per local, state and federal regulations.

Precautions To Be Taken In Handling And Storing: Freezing of product may rupture container. Product shelf life is best retained by storage at 45-100°F temperatures.

Other Precautions . This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): None required

Ventilation: N/A

Local Exhaust = N/A **Mechanical (General) =** N/A **Special =** N/A **Other =** N/A

Protective Gloves: None required

Eye Protection: N/A

Other Protective Clothing or Equipment: None required

Work / Hygienic Practices: Rinse concentrated Neutralizer off skin and clothing with water.

SECTION IX -- TRANSPORTATION INFORMATION

Applicable regulations: 49 CFR = no; IMCO = no; IATA = no

Proper shipping name: Cleaning compound

UN No.: not applicable **Limited Qty.:** not applicable **Hazard Class:** not applicable

Labels required: not required **DOT Exception:** not applicable

EPA Hazardous waste number / code: not listed

Hazardous waste characteristics:

Ignitability = not applicable; **Corrosivity =** not applicable; **Reactivity =** not applicable

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