	material ammability = 0 ammability = 0	Reactivity = ( Reactivity = (			
SECTION I IDENTITY AND MAN Manufacturer's Name: HILLYARD II Address: 302 North Fo St. Joseph, M Emergency Telephone No.: (800) 424-9	NDUSTRIES 1 urth Street 1 O 64501	Product Name: AI Date Prepared: Au Prepared by: Re	igust 23, 1996 egulatory Affairs De		
accident involving chemicals.)		Other information of	calls: (816) 233-13		
SECTION II INGREDIENTS/IDENTITY INFORMATION					
Components					
(Specific Chemical Identity:	<b>C</b> \ <b>S</b> <sup>#</sup>	OCHA DEL	ACGIH	OTHER LIMITS	0/
<b>Common Name(s)</b> Water	CAS# 7732-18-5	OSHA PEL	TLV	<b>RECOMMENDED</b> N/A	%
B-Alanine, N-(2-carboxyethyl)-N-[3-	64972-19-6	none not established	none not established	N/A N/A	
(decyloxy)propyl] monosodium salt (Amphoteric surfactant)	01972 19 0	not estublished	not estublished	11/21	
Linear primary alcohol ethoxylate (nonionic surfactant)	68439-46-3	not established	not established	N/A	
Sodium xylene sulfonate	1300-72-7	not established	not established	N/A	
Tetrasodium salt of EDTA	64-02-8	not established	not established	N/A	
VOS = 0.32 lbs./gallon					
Boiling Point:       207°F       Specific Gravity (H <sub>2</sub> O = 1): 25°C =       1.04       & 39°C =       1.04         Vapor Pressure (mm Hg.):       17.9       Percent Volatile by Volume (%):       82.4 %         Vapor Density (AIR = 1):       0.6       Evaporation Rate (ethyl ether = 1):       slower than 1         Solubility in Water:       complete       Appearance and Odor:       Clear, blue liquid; fresh & clean odor         pH (concentrate) =       7.29         SECTION IV FIRE AND EXPLOSION HAZARD DATA         Flash point:       None to boiling (Tag Closed Cup)       Flammable Limits:       LEL =       N/A       UEL =       N/A         Extinguishing Media:       Foam, dry chemical, carbon dioxide, water spray       Special Fire Fighting Procedures:       None known to manufacturer         Unusual Fire and Explosion Hazards:       None known to manufacturer       SECTION V PHYSICAL HAZARDS					
Stability: Stable Conditions to Avoid: None known to manufacturer					
Incompatibility (Materials to Avoid): None known to manufacturer.					
Hazardous Decomposition Pr					
Hazardous Polymerization:	Will not occur	Condition	s to Avoid: N/A	Δ	
SECTION VI HEALTH HAZARD	DATA				
<ul> <li>SECTION VI HEALTH HAZARD I</li> <li>Routes of entry: Inhalation</li> <li>HEALTH HAZARDS (1. Acute and 2. 1. According to Primary Skin Ir (FHSA) = corrosive. When tests oral limit test showed the produce swallowed. Acute inhalation - 1 of fine fog mist can cause irritate manufacturer. Chemical listed as Carcinogen National Toxicology Program This product has no carcinogen</li> </ul>	Yes Si <b>Chronic</b> ) ritation Test (FHSA ed as specified this ct was not oral toxic Hour Toxic Limit to tion of mucous men <b>h or Potential Carco</b> a = No	A), product concentra product was not cons c at 5g./kg. Since the test - not toxic at non abranes. Fine fog mis <b>cinogen:</b> <b>I.A.R.C. Monogra</b>	sidered to be a UN/I product is corrosiv ninal concentration at application is not phs = No	OOT corrosive at 4 hour e it may be harmful if of at least 16.4 mg/1. In recommended. 2. None <b>OSHA =</b> No	s. Acute halation known to

MATERIAL SAFETY DATA SHEET

#### page 2 of - #810 Arsenal Top Clean Concentrate

## SECTION VI -- HEALTH HAZARD DATA continued

**Signs and Symptoms of Exposure:** Direct eye contact can cause burns or severe irritation, reddening and swelling of tissues around eyes; prolonged skin contact may cause irritation. Ingestion may cause irritation to mouth, throat and stomach. May cause gastric tract disorder.

# Medical Conditions Generally Aggravated by Exposure: Skin problems such as dermatitis may be aggravated by exposure to concentrated product.

**Emergency and First Aid Procedures:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. GET MEDICAL ATTENTION IMMEDIATELY. If skin irritation persists get medical attention. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

### SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken In Case Material Is Released Or Spilled:** Small spills: Flush with water and pick-up with mop or wet vac. Large spills may be absorbed with floor dry material.

Waste Disposal Method: Dispose of in accordance with all federal, state and local requirements.

**Precautions To Be Taken In Handling And Storing:** Keep away from children. Container disposal: Triple rinse (or equivalent) then offer clean, dry container for recycling or reconditioning. Waste from normal use may be sewered to a public-owned treatment works in compliance with applicable federal, state and local requirements.

**Other Precautions:** Avoid breathing of vapors or fine fog mist. Use only with adequate ventilation. Do not breathe fine fog mist. Wash thoroughly after handling. Keep container closed when not in use. Do not get in eyes, on skin or on clothing. Do not take internally. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning & Community Right to Know Act of 1986 and 40 CFR Part 372.

## SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): None normally required. Ventilate to keep air below TLV on metasilicate.

Ventilation: At least 10 air exchanges per hour suggested in public areas with good ventilation.

Local Exhaust =RecommendedMechanical (General) =RecommendedSpecial =N/AOther =N/AProtective Gloves:If prolonged or repeated contact is possible, wear rubber or other impervious gloves.If prolonged or repeated contact.Splash goggles if risk of contact.

Other Protective Clothing or Equipment: Not usually necessary

Work / Hygienic Practices: Wash thoroughly after handling

### 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;

## DISCLAIMER OF WARRANTIES

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

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