		ETY DATA SHE			
<b>NFPA RATING:</b> Health = 2 Flammabili		Reactivity = $0$			
<b>HMIS RATING:</b> Health = 2 Flammabili	ty = 1	Reactivity $= 0$			
SECTION I IDENTITY AND MANUFACT	URER'S INFO	ORMATION (	(1090A)		
Manufacturer's Name: HILLYARD INDUST	RIES	Product Name:	<b>ARSENAL</b>	RE-JUV-NAL	
Address: 302 North Fourth Stree	t	Date Prepared:	September 21	1,2006	
St. Joseph, MO 64501		Prepared by:		Affairs Department	
Emergency Telephone No.: (800) 424-9300 (Or	ly in the even				sure or
accident involving chemicals.)				6) 233-1321 (Ext. 8285)	
				://www.hillyard.com	
SECTION II INGREDIENTS/IDENTITY IN	JEORMATIC	N	intp	<u>.// w w w.iiiii y ar a.com</u>	
Components					
			ACCIII	OTHED I IMITS	
(Specific Chemical Identity:			ACGIH	OTHER LIMITS	0/
Common Name(s)	CAS#	OSHA PEL	TLV	RECOMMENDED	%
Didecyl dimethyl ammonium chloride	7173-51-5	not established	N/A	N/A	2.54
n-Alkyl ( $C_{14}$ 50%, $C_{12}$ 40%, $C_{16}$ 10%) dimethyl	8001-54-5	not established	N/A	N/A	1.69
benzyl ammonium chloride					
Octyl dimethyl amine oxide	2605-78-9	not established	N/A	N/A	
Edtate Disodium	139-33-3	not established	N/A	N/A	
Deionized water	7732-18-5	none	N/A	N/A	
SECTION III PHYSICAL / CHEMICAL CI	IARACTERI	STICS			
<b>Boiling Point:</b> 210°F	Specific G	Gravity $(H_2O = 1)$ :	$25^{\circ}C = 1.0$	$0 \& 39^{\circ}C = 1$	.00
Vapor Pressure (mm Hg.): 17.6		olatile by Volume			
				wer than 1	
Vanor Density (AIR = 1): () 6		ion kate (ethvi eth	$e_{\Gamma} \equiv 1.1$ : SIO		
Vapor Density (AIR = 1): 0.6 Solubility in Water: complete		ion Rate (ethyl eth oce and Odor:	,		for
Vapor Density (AIR = 1):0.6Solubility in Water:completepH of concentrate:7.2 - 8.2		ion Rate (ethyl eth) ace and Odor:	,	h-orange liquid; floral o	lor
Solubility in Water: complete pH of concentrate: 7.2 - 8.2 SECTION IV FIRE AND EXPLOSION HAX Flash point: >200°F (Tag Closed C	Appearan ZARD DATA Cup) Flam ohol foam, car st wear NIOSH ontainers with	mable Limits: LEI bon dioxide, dry ch I/MSHA approved water spray.	clear, reddis L = Not app emical, water self-contained	h-orange liquid; floral of blicable UEL = Not a	pplicable
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MATERIAL SAFETY DATA SHEET

<b>NFPA RATING:</b> Health =	2	Flammability =	0	Reactivity =	0	
<b>HMIS RATING:</b> Health =	2	Flammability =	1	Reactivity =	C	

#### page 2 of #816 – Arsenal Re-Juv-Nal

### SECTION VI -- HEALTH HAZARD DATA continued:

Medical Conditions Generally Aggravated by Exposure: None known to manufacturer.

**Emergency and First Aid Procedures: If in eyes:** Hold eye open and rinse slowly and gently with water for at least 15-20 minutes. **If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **If inhaled**: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

# SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps To Be Taken In Case Material Is Released Or Spilled:** Caution. Floors may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred). Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers of recovery or disposal. Keep spill out of sewers and open bodies of water.

**Waste Disposal Method:** Dispose of in compliance with all federal, state and local laws and regulations. Incineration is the preferred method.

Precautions To Be Taken In Handling And Storing: Keep away from children.

**Other Precautions:** Store in original container in areas inaccessible to children. Open dumping is prohibited Do not reuse empty container. 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

**Ventilation:** In processes where mists or vapors must be generated, proper ventilation must be provided in accordance with good ventilation practices. **Respiratory Protection (Specify Type):** In processes where mists or vapors may be generated, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls. **Protective Gloves:** Rubber or neoprene, when needed, to prevent skin contact with concentrate. **Eye Protection:** Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions. **Other Protective Clothing or Equipment:** Eye wash; safety shower, protective clothing (long sleeves, coveralls or other, as appropriate), when needed to prevent skin contact with concentrate. **Work / Hygienic Practices:** Wash hands 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 Exception: Not applicable

 EPA Hazardous waste number/code: Not listed

 Hazardous waste characteristics: Ignitability = Not applicable; Corrosivity = Not applicable; Reactivity = Not applicable

### **DISCLAIMER OF WARRANTIES**

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