

MATERIAL SAFETY DATA SHEET

HIL00830

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Bowl Cleaner In Water Soluble
Packets
Arsenal 30

Formula ID Number: BP20
MSDS File Name: HILLYARD BOWL CLEANER
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Cleaning Compounds, NOI,
powder. Item 48581, Class 55
NSF Certified: N.A.
EPA/DfE Recognized: N.A.

Synonyms: HIL0083000; ST-792-HI

Company: Hillyard Industries
302 North Fourth Street
St. Joseph, Missouri 64502

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Fax: 800-861-0252

Website: www.hillyard.com

Concentrate		In Dilution	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	Flammability	0	
1	Health	1	
0	Reactivity	0	
None	Special Hazard	None	

Emergency Contact: CHEM-TEL, 800-255-3924

Abbreviation Key: N.A.=Not Applicable,
N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	HAZARD	PEL(ppm)	TLV(ppm)	%(Optional)
Sodium sulfate	7757-82-6	Irritant			
Citric acid	77-92-9	Irritant			
Sodium carbonate	497-19-8	Irritant			
Sodium bicarbonate	144-55-8	Irritant			
Alcohols, ethoxylated	NJTSRN 489909-5562-PC	Irritant			
Alcohols, ethoxylated	NJTSRN 489909-5319-PC-L	Irritant			
Zeolite	1318-02-1	Irritant			

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor:	Solubility in water: Appreciable	Vapor Pressure (mm Hg): N.A.	pH (Concentrate): N.D.
Blue powder with white needle crystals, baby powder scent	Boiling Point: N.A.	Vapor Density (Air=1): N.A.	pH (1% Solution): 7.2
	Melting Point: N.A.	Evaporation Rate (Water=0.3): N.A.	Specific Gravity: 0.6

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F	Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.
Flammable Limits: LEL: N.A. UEL: N.A.	Unusual Fire & Explosion Hazards: None
Extinguishing Media: N.A.	

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <u>X</u> Unstable: _____	Hazardous Polymerization: May Occur _____ Will Not Occur <u>X</u>
Conditions to Avoid: Freezing and extreme heat.	Hazardous Decomposition or By-Products: Carbon dioxide gas
Incompatibility (Materials to Avoid): Combination with acids will give off carbon dioxide.	

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities and other mucous membranes.	<u>Emergency and First Aid Procedures:</u> Eyes: Flush with plenty of cool water for at least 15 minutes. Consult a physician.
Signs and Symptoms of Exposure: Eye and skin irritation. Diarrhea. Irritation of mucous membranes.	Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.
Medical Conditions Aggravated by Exposure: No data available	Inhalation: Remove from exposure. Obtain medical attention immediately.
Carcinogenicity: IARC Monographs? Yes _____ No <u>X</u>	Ingestion: May be harmful if swallowed. Drink large amounts of water or milk. DO NOT induce vomiting. Get medical attention immediately. Avoid contamination of foods.
NTP? Yes _____ No <u>X</u> OSHA Regulated? Yes _____ No <u>X</u>	

NOTE TO PHYSICIAN: No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to the reactions of the patient.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Strongly recommended. Mechanical: Strongly recommended.	Steps to be Taken if Material is Spilled or Released: Avoid contact with skin. Sweep up for salvage or disposal. Take care to avoid contact with large amounts of dust.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.	Waste Disposal: Comply with all local, state, and federal regulations. Consult your state DNR or the EPA for specific questions. Wastewater should never enter a fresh water body without treatment.
Eye Protection: Avoid eye contact.	Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust.
Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area.	
Other Precautions: Keep out of the reach of children.	

SECTION 8 – OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 – No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.

TSCA Status: Components of this product are listed on the TSCA Inventory.

Toxicity: Calculated Oral LD50 4,502 mg/kg

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This MSDS data relates only to the material designated and does not relate to its use with any other material or process. The data is believed to be accurate. However, since use conditions vary and are outside our control, Hillyard Industries makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.