

MATERIAL SAFETY DATA SHEET

HIL00830

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Bowl Cleaner In Water Soluble
Packets
Arsenal 30
Synonyms: HIL0083000; ST-792-HI

Formula ID Number: BP-20
MSDS File Name: HILLYARD BOWL CLEANER
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Compound, cleaning, NOI,
powder. Item 48581, Class 55

Company: Hillyard Industries
302 North Fourth Street
St. Joseph, Missouri 64502
Phone: 816-233-1321
Fax: 800-861-0252

USDA Acceptance Date & Category Code: None

Concentrate		In Dilution		HAZARD RATING
0	Flammability	0	0	
1	Health	1	1	
0	Reactivity	0	0	
None	Special Hazard	None	None	

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

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

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

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

*CHEMICAL IDENTITY	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			
Sodium aluminosilicate (this product is a mixture under TSCA)	68989-22-0 (mixture)	Irritant			
Blend of linear alcohol ethoxylates	68439-46-3 & 34398-01-1	Irritant			

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Blue powder with white needle crystals, baby powder scent
Solubility in water: Appreciable
Boiling Point: N.A.
Melting Point: N.A.
Vapor Pressure (mm Hg): N.A.
Vapor Density (Air=1): N.A.
Evaporation Rate (Water=0.3): N.A.
pH (Concentrate): N.D.
pH (1% Solution): 7.2
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: Unstable: _____
Hazardous Polymerization: May Occur _____ Will Not Occur
Conditions to Avoid: Freezing and extreme heat.
Conditions to Avoid: None known
Incompatibility (Materials to Avoid): Combination with acids will give off carbon dioxide.
Hazardous Decomposition or By-Products: Carbon dioxide gas

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.
Signs and Symptoms of Exposure: Eye and skin irritation. Diarrhea. Irritation of mucous membranes.
Medical Conditions Aggravated by Exposure: No data available
Carcinogenicity: IARC Monographs? Yes _____ No
NTP? Yes _____ No OSHA Regulated? Yes _____ No
Emergency and First Aid Procedures:
Eyes: Flush with plenty of cool water for at least 15 minutes. Consult a physician.
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.
Inhalation: Remove from exposure. Obtain medical attention immediately.
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.
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.
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.
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact.
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.
Respirator 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.

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*Indicates revisions made since last published MSDS.

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.