

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Bowl Cleaner (Water Flakes®)  
Synonyms: ST-792, ST-801  
Non-Acid Bowl Cleaner  
Company: Stearns Packaging Corporation  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216  
Phone: 800-655-5008  
Fax: 608-246-5149  
Website: www.stearnspkg.com

Formula ID Number: BP20  
MSDS File Name: WF BOWL CLEANER  
EPA Reg #: None  
DOT Hazard Class: None  
DOT Shipping Name: Compound, cleaning, NOI,  
powder. Item 48581, Class 55  
NSF Certified: C2, 7/27/04  
EPA/DfE Recognized: Yes

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

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

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			
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: \_\_\_\_\_  
Conditions to Avoid: Freezing and extreme heat.  
Incompatibility (Materials to Avoid): Combination with acids will give off carbon dioxide.  
Hazardous Polymerization: May Occur \_\_\_\_\_ Will Not Occur   
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   
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.  
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.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Strongly recommended.  
Mechanical: Strongly recommended.  
Skin Protection: Use neoprene, rubber, or other chemical resistant gloves.  
Wear protective clothing to prevent repeated or prolonged contact.  
Eye Protection: Avoid eye contact.  
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.  
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.  
Handling and Storage: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust.

## 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, Stearns Packaging Corporation makes no warranties, expressed or implied, and assumes no liability for failure to follow directions and safety precautions.