

Bowl Cleaner

Safe and effective daily cleaner removes stains with high foaming action.
Convenient Water-Soluble Packets
Packaged for Institutional and Industrial Use



ST-No.	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/Pallet	Pack Yield
ST-792	008961	006875	2 x 90 x 0.5 wt. oz. pail	7.25 pounds	119	1 Bowl
ST-801	002242	N/A	400 x 0.5 wt. oz. pail	14.5 pounds	60	1 Bowl

Believe it! There actually is a toilet bowl cleaner that removes tough stains without harming your plumbing. Ideal for daily cleaning or routine maintenance, **Water Flakes® Bowl Cleaner** is the professional strength toilet bowl cleaner you've been waiting for. **Bowl Cleaner** easily destroys stubborn stains built by soils, lime scale, and urinary salts. But that's not all.

Stearns developed **Bowl Cleaner** to be an environmentally responsible product. Its concentrated detergent contains a readily biodegradable surfactant system and is free of phenolic compounds. Premeasured and packaged in a 100% biodegradable water-soluble film, the packet dissolves completely in water, reducing packaging waste, and leaving you with solution ready for cleaning.

Just drop one water-soluble packet of **Bowl Cleaner** into the toilet bowl. The concentrated powdered detergent will break down and remove soils, lime scale, and urinary salts with its high foaming action.

Directions

Flush bowl before cleaning. Add one packet of Bowl Cleaner to the toilet bowl. Foam will appear within seconds. When foam covers water surface, swab bowl inside and out, especially under the rim. Let toilet stand as long as is practical before flushing.

Chemical Characteristics

Abrasive	no
Appearance	blue granules
Biodegradable.....	yes
California Compliant	yes
Corrosive	no
EPA/Design for the Environment Recognized	yes
Fragrance	baby powder
Non-Acid.....	yes
Non-Butyl	yes
Non-Flammable.....	yes
Non-Toxic	yes
NPE-Free	yes
NSF Certified	C2
pH (1% solution)	7.2
Phosphate-Free	yes
Sara 313 notification required	no
Solubility in water.....	complete
VOC Compliant	yes

Ingredients

The primary ingredients in **Bowl Cleaner** are alcohol ethoxylates and citric acid.

Caution

Do not handle packets with wet hands. Do not remove packets from container prior to use. Humidity and water will destroy the packet integrity.



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: Cleaning Compounds, NOI, powder. Item 48581, Class 55

NSF Certified: C2, 7/27/04

EPA/DfE Recognized: Yes

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

Flammable Limits: LEL: N.A.
UEL: N.A.

Extinguishing Media: N.A.

Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: None

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: X 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 X

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 X

NTP? Yes No X OSHA Regulated? Yes No X

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.

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