



This product meets the Green Seal™ environmental standard for industrial and institutional cleaners based on its reduced human and aquatic toxicity and reduced smog production potential.

GS Restroom & Bowl Cleaner Concentrate

RESTROOM CLEANER

GS Restroom & Bowl Cleaner Concentrate is non-corrosive and free of harmful acids. It will clean toilet bowls, urinals, tile walls, tubs, and sinks with ease and safety. When diluted properly, *GS Restroom & Bowl Cleaner Concentrate* will break down and remove daily accumulations of soils, limescale, and urinary salts with its high-foaming action. Fresh clean fragrance.



GS Restroom & Bowl Cleaner Concentrate
ST-851, 2 fl. oz. pack

ST-No.	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/Pallet
ST-851	085108	N/A	72 x 2 fl. oz. packs	11 pounds	75
ST-851E	285102	028518	10 x 10 x 2 fl. oz. packs	16.5 pounds	64
ST-852	085207	N/A	6 x 20 fl. oz. packs	9 pounds	100
ST-9851	098511	N/A	12 x 32 oz. empty bottle w/spout cap		40
ST-9911	N/A	008930	1 x 5-gallon Quik Tank container w/faucet		36

Directions

Empty contents of *GS Restroom & Bowl Cleaner Concentrate* into cold water (see dilution ratios for ST-851, ST-851E, and ST-852 below). Apply solution with trigger sprayer, or use spout cap on the quart bottle. For maximum performance, use product daily.

ST-851 & ST-851E

Toilet bowl: Fill quart bottle with cold water. Add contents of one pack. Squirt or spray into toilet bowl and scrub with brush or johnny mop. For extreme buildup, add contents of one 2-ounce pack directly to the toilet bowl and agitate.

Urinals, tile walls, tubs, and sinks: Fill quart bottle with cold water. Add contents of one pack. Squirt or spray on surface, and wipe clean.

ST-852 **QUIK TANK**

Add contents of two 20-ounce packs of *GS Restroom & Bowl Cleaner Concentrate* to five gallons of water (use ST-9911 5-gallon Quik Tank container with faucet). Agitate to mix. Fill quart bottle with solution from the five-gallon tank. Apply and wipe clean.

Ingredients

The primary ingredients in *GS Restroom & Bowl Cleaner Concentrate* are citric acid and nonionic surfactant.

Chemical Characteristics

Abrasive.....	no
Appearance.....	purple liquid
Biodegradable.....	yes
California Compliant.....	yes
Corrosive.....	no
Fragrance.....	fresh scent
Non-Acid.....	no
Non-Butyl.....	yes
Non-Flammable.....	yes
Non-Toxic.....	yes
NSF Certified.....	C1, C2
pH (concentrate).....	2.2
(use dilution).....	2.5
Phosphate-Free.....	yes
Sara 313 notification required.....	no
VOC Compliant.....	yes



STEARNS PACKAGING CORPORATION

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MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **GS Restroom & Bowl Cleaner Concentrate** Formula ID Number: BL45
MSDS File Name: GS RESTROOM & BOWL
Synonyms: ST-851, ST-851E, ST-852 EPA Reg #: None
DOT Hazard Class: None
Company: **Stearns Packaging Corporation** DOT Shipping Name: Compound, cleaning, NOI,
4200 Sycamore Avenue (53714) liquid. Item 48580, Sub. 3, Class 55
PO Box 3216
Madison, WI 53704-0216 NSF Certified: C1, C2, 7/20/07
Phone: 800-655-5008 Green Seal Certified: 3/26/07
Fax: 608-246-5149
Website: www.stearnspkg.com

Concentrate	In Dilution	HAZARD RATING	
0	Flammability	0	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
1	Health	0	
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	OSHA PEL(ppm)	ACGIH TLV(ppm)	%(Optional)
Water	7732-18-5				
Citric acid	77-92-9	Irritant	N.A.	N.A.	30 - 35
Blend of linear alcohol ethoxylates	68439-46-3 & 34398-01-1		N.A.	N.A.	10 - 15

SARA Section 313 Title III Notification Required: **No**

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Purple liquid, fresh scent	Solubility in water: Complete	Vapor Pressure (mm Hg): N.A.	pH (Concentrate): 2.2 ± 0.2
	Boiling Point: >212° F	Vapor Density (Air=1): N.A.	pH (Use Dilution): 2.5 ± 0.2
	Melting Point: N.D.	Evaporation Rate (Water=0.3): N.A.	Specific Gravity: 1.180

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A. 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): Metal nitrates. Hazardous Decomposition or By-Products: None known.

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. Emergency and First Aid Procedures:
Signs and Symptoms of Exposure: Irritation of eyes and skin. Diarrhea. **FIRST AID/EYES:** Immediately flush with warm running water for at least 15 minutes. If irritation persists, repeat flushing and obtain medical attention immediately.
Irritation of mucous membranes.
Medical Conditions Aggravated by Exposure: N.D. **SKIN:** Immediately flush exposed area with soap and water. If irritation occurs, obtain medical attention.
Carcinogenicity: IARC Monographs? Yes _____ No **INGESTION: DO NOT INDUCE VOMITING.** If patient is fully conscious, rinse mouth with water and drink 1 glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious or is convulsing.
NTP? Yes _____ No OSHA Regulated? Yes _____ No

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

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: Not normally required. Steps to be Taken if Material is Spilled or Released: Contain any spilled material that may be salvageable. Wash down residues with water. Dispose of material through a sanitary sewer or as local and federal regulations permit.
Mechanical: Not normally required.
Skin Protection: Not normally required. 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. Spread and/or disperse in an approved landfill. Dissolve and pour down sanitary sewer.
Eye Protection: Avoid eye contact. Handling and Storage: Wear recommended safety gear. Do not mix with other chemicals or cleaning agents.
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

Proposition 65 Statement: This product does not contain any compounds found by the State of California to cause cancer, birth defects, and other reproductive harm.
TSCA (Toxic Substance Control Act) Status: Components of this product are listed on the TSCA Inventory.