



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 Extra-Strength Cleaner Concentrate

FLOOR CARE

SPRAY-AND-WIPE CLEANER

FOODSERVICE

*GS Extra-Strength Cleaner Concentrate* is a non-flammable, medium-sudsing, heavy-duty all-purpose cleaner and degreaser with a readily biodegradable surfactant system. Superior penetration and removal of greasy soils. Fast, safe removal of ink, coffee, graphite, greases, and oils on all surfaces, including most clothing.

Unlike harsh caustics and volatile solvents, *GS Extra-Strength Cleaner Concentrate* cleans safely without hazardous fumes and toxic by-products. It is ideal for use in food service areas, garages, and machine shops.

*GS Extra-Strength Cleaner Concentrate* is non-toxic, non-butyl, phosphate-free, and biodegradable.

Packaged in recyclable plastic packs, *GS Extra-Strength Cleaner Concentrate* is formulated to meet published standards of environmentally preferable industrial and institutional cleaners. These standards require low levels of human and aquatic toxicity, high levels of biodegradability and performance, and reduced smog production potential.



***GS Extra-Strength Cleaner Concentrate***  
ST-842, 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-842	084200	N/A	72 x 2 fl. oz. packs	11.5 pounds	75
ST-842E	284204	028426	10 x 10 x 2 fl. oz. packs	17.25 pounds	64
ST-843	084309	N/A	36 x 4 fl. oz. packs	11 pounds	75
ST-844	084408	N/A	6 x 20 fl. oz. packs	9.5 pounds	100
ST-9842	098429	N/A	12 x 32 oz. empty silk-screened bottles		40
ST-9911	N/A	008930	1 x 5-gallon Quik Tank container w/faucet		36

## Directions

Empty contents of *GS Extra-Strength Cleaner Concentrate* into cold water (see dilution ratios for ST-842, ST-843 and ST-844 below). Apply solution with trigger sprayer, sponge, or cloth. Wipe away with damp cloth.

## Dilutions

### ST-842 & ST-842E

Mix each pack with 1 quart of cold water for all-purpose spray-and-wipe cleaning. Mix with 2 gallons of cold water for scrubbing or 4 gallons for damp mopping.

### ST-843

Mix each pack with 4 gallons of cold water for scrubbing or damp mopping. Mix with 1 quart of cold water for heavy-duty spray-and-wipe cleaning.

### ST-844 **QUIK TANK**

Mix one 20-ounce pack with cold water in the Quik Tank container to make 5 gallons of ready-to-use all-purpose spray-and-wipe cleaner. Use 2 packs with 5 gallons of cold water for heavy-duty spray-and-wipe cleaning. Agitate to mix. Fill trigger spray bottles from Quik Tank container.

## Ingredients

The primary ingredients in *GS Extra-Strength Cleaner Concentrate* are anionic and nonionic surfactants.

## Chemical Characteristics

<b>Abrasive</b> .....	no
<b>Appearance</b> .....	clear, green liquid
<b>Biodegradable</b> .....	yes
<b>California Compliant</b> .....	yes
<b>Corrosive</b> .....	no
<b>Fragrance</b> .....	fresh scent
<b>Non-Acid</b> .....	yes
<b>Non-Butyl</b> .....	yes
<b>Non-Flammable</b> .....	yes
<b>Non-Toxic</b> .....	yes
<b>NSF Certified</b> .....	C1, C2
<b>pH (use dilution)</b> .....	10.0
(concentrate) .....	10.5±0.5
<b>Phosphate-Free</b> .....	yes
<b>Sara 313 Notification Required</b> .....	no
<b>VOC Compliant</b> .....	yes



## STEARNS PACKAGING CORPORATION

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# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: GS Extra-Strength Cleaner Concentrate  
Synonyms: ST-842, ST-842E, ST-843, ST-844  
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: GL62  
MSDS File Name: GS EXTRA-STRENGTH CLNR  
EPA Reg #: None  
DOT Hazard Class: None  
DOT Shipping Name: Compound cleaning, NOI,  
liquid. Item 48580, Sub. 3, Class 55  
NSF Certified: C1, C2; 7/15/2005  
Green Seal Certified: 8/30/2004

Concentrate		In Dilution	HAZARD RATING
0	Flammability	0	
1	Health	0	
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 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NO.	HAZARD	OSHA PEL(ppm)	ACGIH TLV(ppm)	% (Optional)
Water	7732-18-5				
Sodium (C14-16) olefin sulfonate	68439-57-6		N.A.	N.A.	1.0 . 5.0
Alcohol ethoxylate	68991-48-0		N.A.	N.A.	1.0 . 5.0
Sodium iminodisuccinate	144538-83-0		N.A.	N.A.	1.0 . 5.0
Sodium carbonate	497-19-8	Irritant	N.A.	N.A.	1.0 . 5.0
Sodium gluconate	527-07-1		N.A.	N.A.	1.0 . 5.0

SARA Section 313 Title III Notification Required: No

## SECTION 3 – PHYSICAL DATA

Appearance and Odor: Solubility in water: Complete Vapor Pressure of actives (mmHg): <0.1 pH (Concentrate): 10.5 ± 0.5  
Clear, green liquid; Boiling Point: About 100°C, 212°F Vapor Density (Air=1): N.D. pH (Use Dilution): 10.0  
fresh scent % Volatile: N.D. Evaporation Rate (Water=0.3): N.D. Specific Gravity: 1.060

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F, °C, PMCC): Non-combustible, >200°F Special Fire Fighting Procedures: Use self-contained breathing apparatus and body-covering protective clothing.  
Flammability: Not flammable 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 extremes of heat Hazardous Decomposition or By-Products: None known  
Incompatibility (Materials to Avoid): None known

## SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): May cause irritation to the eyes, skin, and respiratory system. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.  
Signs and Symptoms of Exposure: Irritation of eyes and skin.  
Medical Conditions Aggravated by Exposure: Prolonged or repeated exposure can cause drying of skin.

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 physician in response to the reactions of the patient.

### Emergency and First Aid Procedures:

**FIRST AID/EYES:** Immediately flush with warm running water for at least 15 minutes. If irritation persists, repeat flushing and obtain medical attention immediately.

**SKIN:** Immediately flush exposed area with soap and water. If irritation occurs, obtain medical attention.

**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.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: General ventilation usually adequate.  
Skin Protection: Use impervious (rubber, nitrile) gloves. Wear protective clothing. Eye bath. Safety shower.  
Eye Protection: Use chemical safety glasses or full face shield.  
Personal Hygiene: The usual precaution for the handling of chemicals must be observed.  
Respiratory Protection: Not normally required under normal working/use conditions.  
Other Precautions: Keep out of the reach of children.

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.  
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: Store at room temperature. Keep container closed when not in use. Do not mix with other chemicals or cleaning agents.

## SECTION 8 – OTHER REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.

9/05/08

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.