



ONE PACKS

Dispenser-Free Control Systems®



GS Extra-Strength Cleaner Concentrate

Heavy-Duty All-Purpose Cleaner and Degreaser

Cleans floors, walls and tables

Use with a trigger spray bottle, mop, or microfiber

GS Extra-Strength
Cleaner Concentrate
ST-853, 144 x 1 oz.

ST-No.	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/ Pallet	Pack Yield
ST-853	008534	N/A	144 x 1 fl. oz. packs	11.5 pounds	75	1 Quart/1 Gal./2 Gal.
ST-853E	285300	028532	10 x 10 x 1 fl. oz. packs	9.25 pounds	64	1 Quart/1 Gal./2 Gal.
ST-1374	013743	N/A	25 x 1 fl. oz. packs w/bottle	2.75 pounds	162	1 Quart/1 Gal./2 Gal.
ST-842	084200	N/A	72 x 2 fl. oz. packs	11 pounds	75	2 Gal./4 Gal.
ST-842E	284204	028426	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	2 Gal./4 Gal.
ST-843	084309	N/A	36 x 4 fl. oz. packs	10.5 pounds	75	4 Gal./8 Gal.
ST-844	084408	N/A	6 x 20 fl. oz. packs	9 pounds	100	5 Gallons
ST-9842	098429	N/A	12 x 32 oz. empty silk-screened spray bottles	3.5 pounds	40	N/A
ST-9911	N/A	008930	1 x 5-gallon Quik Tank container w/faucet	2.75 pounds	36	N/A

Personal Protective Equipment: 1. Wear protective gloves.
2. Wear protective eyewear.



Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.

Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.

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 source-reduced 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.

Directions

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

Dilutions

ST-853, ST-853E & ST-1374



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

ST-842 & ST-842E



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 8 gallons for damp mopping.

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. Agitate to mix. Fill trigger spray bottles from Quik Tank container.

Chemical Characteristics

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

Ingredients

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



This product meets Green Seal™ Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.



UnoClean.com

1-888-226-2724

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, ST-853, ST-853E, ST-1374
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-STR CLNR
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Cleaning Compounds, NOI,
liquid. Item 48580, Sub 3, Class 55
NSF Certified: C1, C2; 7/15/05; #137217
Green Seal Certified: GS-37 2009

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

CHEMICAL IDENTITY	CAS NO.	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 carbonate	497-19-8	N.A.	N.A.	1.0 – 5.0
Sodium iminodisuccinate	144538-83-0	N.A.	N.A.	1.0 – 5.0
Sodium gluconate	527-07-1	N.A.	N.A.	1.0 – 5.0
Fragrance	N.A.	N.A.	N.A.	< 1.0

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear, green liquid; fresh scent fragrance added
Solubility in water: Complete
Boiling Point: About 100°C, 212°F
% Volatile: N.D.
Vapor Pressure of actives (mmHg): <0.1
Vapor Density (Air=1): N.D.
Evaporation Rate (Water=0.3): N.D.
pH (Concentrate): 10.5 ± 0.5
pH (Use Dilution): 10.0
Specific Gravity: 1.049

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F, °C, PMCC): Non-combustible, >200°F
Flammability: Not flammable
Extinguishing Media: N.A.
Special Fire Fighting Procedures: Use self-contained breathing apparatus and body-covering protective clothing.
Unusual Fire & Explosion Hazards: None

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: Unstable: _____
Conditions to Avoid: Freezing and extremes of heat
Incompatibility (Materials to Avoid): None known
Hazardous Polymerization: May Occur _____ Will Not Occur
Hazardous Decomposition or By-Products: 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.
Personal Protective Equipment: Wear protective gloves. Wear protective eyewear. Eye bath. Safety shower.
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. Improper dilution or improper use of this product may result in skin and eye irritation, damage to surfaces and unsatisfactory cleaning performance.
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. Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.
Handling and Storage: Store at room temperature. Keep container closed when not in use. Do not mix with other chemicals or cleaning agents.
Unused Product Disposal: Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

SECTION 8 – OTHER REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.
Toxicity: Calculated Oral LD50 9,794 mg/kg

rev 7/30/13

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.