

# 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: **Solubility in water: Complete**  
**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**

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.