



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 Window Cleaner Concentrate

WINDOWS AND STAINLESS STEEL

GS Window Cleaner Concentrate is a super concentrated window cleaner that leaves hard surfaces free of streaks, soils, smudges, and grease.

GS Window Cleaner Concentrate is formulated without solvents, glycol ethers, or ammonia. Excellent performance on glass surfaces, windows, and mirrors. Safe on plastics, Plexiglas® and contains no VOC's.

Packaged in recyclable plastic packs, *GS Window 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 Window Cleaner Concentrate
ST-840, 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-840	084002	N/A	48 x 2 fl. oz. packs	7 pounds	150
ST-840E	284006	028402	10 x 10 x 2 fl. oz. packs	17 pounds	64
ST-841	084101	N/A	6 x 20 fl. oz. packs	9 pounds	100
ST-9840	098405	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

ST-840 & ST-840E

Fill 32-ounce trigger spray bottle with cold water to fill line. Empty contents of one pack and shake to mix. Apply a mist to the entire surface, then wipe dry.

ST-841 **QUIK TANK**

Mix two 20-ounce packs with cold water in the Quik Tank container to make 5 gallons of ready-to-use window cleaner. Agitate to mix. Fill trigger spray bottles from Quik Tank container.

Ingredients

The primary ingredients in *GS Window Cleaner Concentrate* are surfactant and complexing agent.

Chemical Characteristics

Abrasive.....	no
Appearance.....	clear, dark blue liquid
Biodegradable.....	yes
California Compliant	yes
Corrosive	no
Fragrance	mild odor
Non-Acid	yes
Non-Butyl	yes
Non-Flammable	yes
Non-Toxic	yes
NSF Certified.....	A7, C1
pH (use dilution)	11.25
(concentrate)	12.0±0.5
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 Window Cleaner Concentrate Formula ID Number: WL35
MSDS File Name: GS WINDOW CLNR
Synonyms: ST-720, ST-840, ST-840E, ST-841 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 NSF Certified: A7, C1; 7/08/05
Madison, WI 53704-0216 Green Seal Certified: 8/30/04

Phone: 800-655-5008
Fax: 608-246-5149
Website: www.stearnspkg.com

Concentrate		In Dilution	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	Flammability	0	
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 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	CAS NO.	HAZARD	OSHA PEL(ppm)	ACGIH TLV(ppm)	% (Optional)
Water	7732-18-5				
Surfactant	N.J. Trade Secret Registry #: 360416-01		N.D.	N.D.	2.5 . 6.5
Complexing agent	N.J. Trade Secret Registry #: 361102-02		N.D.	N.D.	1.5 . 5.0
Acid Blue 145	6408-80-6		N.A.	N.A.	< 0.1

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear blue liquid, mild odor	Solubility in water: Complete Boiling Point: 212°F % Volatile: 0	Vapor Pressure of actives (mmHg): <0.1 Vapor Density (Air=1): N.D. Evaporation Rate (Water=0.3): N.D.	pH (Concentrate): 11 ± 0.5 pH (Use Dilution): 8.5 Specific Gravity: 1.020
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F, °C, PMCC): None	Special Fire Fighting Procedures: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. Use self-contained breathing apparatus and body-covering protective clothing.
Flammability: Not flammable	Unusual Fire & Explosion Hazards: None
Extinguishing Media: Water fog, alcohol foam, dry chemical	

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <input checked="" type="checkbox"/> Unstable: <input type="checkbox"/>	Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>
Conditions to Avoid: Strong oxidizers and freezing.	Hazardous Decomposition or By-Products: Thermal decomposition may produce oxides of carbon and nitrogen.
Incompatibility (Materials to Avoid): Strong oxidizers.	

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): Contact with liquid can cause mild to moderate irritation to the eyes and skin. If ingested, it may cause vomiting, headache, and medical problems. 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 <input type="checkbox"/> No <input checked="" type="checkbox"/> NTP? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> OSHA Regulated? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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.
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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 if good ventilation is maintained. Other Precautions: Keep out of the reach of children.	Steps to be Taken if Material is Spilled or Released: Evacuate area. Ventilate area. Clean up remaining materials from spill with suitable absorbent. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in steel drums for recovery or disposal. Clean area as appropriate since some material, even in small quantities, may present a slip hazard. 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 in a cool, dry place away from incompatible materials. Keep from freezing.
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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.