



ONE PACKS

Dispenser-Free Control Systems®



GS Window Cleaner Concentrate

Concentrated Glass Cleaner

Formulated without solvents, glycol ethers or ammonia

Safe on plastics and plexiglass



GS Window Cleaner Concentrate
ST-840, 72 x 2 oz.

ST-No.	Case UPC No. Mfg. No. 071206	Each UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/ Pallet	Pack Yield
ST-720	007209	N/A	32 x 1.5 oz. packs w/ bottle and sprayer	6 pounds	144	25.5 Ounces
ST-840	084002	N/A	48 x 2 fl. oz. packs	7.25 pounds	154	1 Quart
ST-840E	284006	028402	10 x 10 x 2 fl. oz. packs	15.75 pounds	64	1 Quart
ST-1370	013705	N/A	25 x 2 fl. oz. packs w/bottle	4.25 pounds	162	1 Quart
ST-841	084101	N/A	6 x 20 fl. oz. packs	8.75 pounds	100	2.5 Gallons
ST-9840	098405	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.

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, ammonia, or fragrance. Excellent performance on glass surfaces, windows, and mirrors. Safe on plastics, Plexiglas® and contains no VOC ingredients.

Packaged in source-reduced 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.

Directions

ST-720 ONE PACKS

Fill trigger spray bottle with 24 ounces of cold water. Empty contents of one pack and agitate to mix. Apply a mist to the entire surface, then wipe dry.

ST-840, ST-840, & ST-1370 ONE PACKS

Fill 32-ounce trigger spray bottle with cold water to fill line. Empty contents of one pack and agitate 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.

Chemical Characteristics

Abrasive	no
Appearance	clear, dark blue liquid
Biodegradable	yes
California Compliant	yes
Corrosive	no
Fragrance	none
Non-Acid	yes
Non-Butyl	yes
Non-Flammable	yes
Non-Toxic	yes
NSF Certified	A7, C1
pH (use dilution)	10.0±0.5
(concentrate)	11.0±0.5
Phosphate-Free	yes
Sara 313 Notification Required	no
VOC Compliant	yes

Ingredients

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



UnoClean.com
1-888-226-2724

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: GS Window Cleaner Concentrate
Synonyms: ST-720, ST-840, ST-840E,
ST-841, ST-1370
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: WL35
MSDS File Name: GS WINDOW CLNR
EPA Reg #: None
DOT Hazard Class: None
DOT Shipping Name: Cleaning Compounds, NOI,
liquid. Item 48580, Sub 3, Class 55
NSF Certified: A7, C1; 7/8/05; #137216
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			
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
Proprietary colorant blend	N.A.	N.D.	N.D.	

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear blue liquid, mild odor, no fragrance added	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 ± 0.5 pH (Use Dilution): 10.0 ± 0.5 Specific Gravity: 1.022
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SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F, °C, PMCC): None Flammability: Not flammable Extinguishing Media: Water fog, alcohol foam, dry chemical	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. Unusual Fire & Explosion Hazards: None
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SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: <input checked="" type="checkbox"/> Unstable: _____ Conditions to Avoid: Strong oxidizers and freezing. Incompatibility (Materials to Avoid): Strong oxidizers.	Hazardous Polymerization: May Occur _____ Will Not Occur <input checked="" type="checkbox"/> Hazardous Decomposition or By-Products: Thermal decomposition may produce oxides of carbon and nitrogen.
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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 _____ No <input checked="" type="checkbox"/> NTP? Yes _____ No <input checked="" type="checkbox"/> OSHA Regulated? Yes _____ 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. Personal Protective Equipment: Wear protective gloves. Wear protective eyewear. 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. 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: 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. Pack Recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted. Handling and Storage: Store in a cool, dry place away from incompatible materials. Keep from freezing. 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.
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SECTION 8 – OTHER REGULATORY INFORMATION

Toxic Substances Control Act (TSCA): All ingredients are listed on the Chemical Substance Inventory.
Toxicity: Calculated Oral LD50 29,411 mg/kg

rev 12/02/13

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.