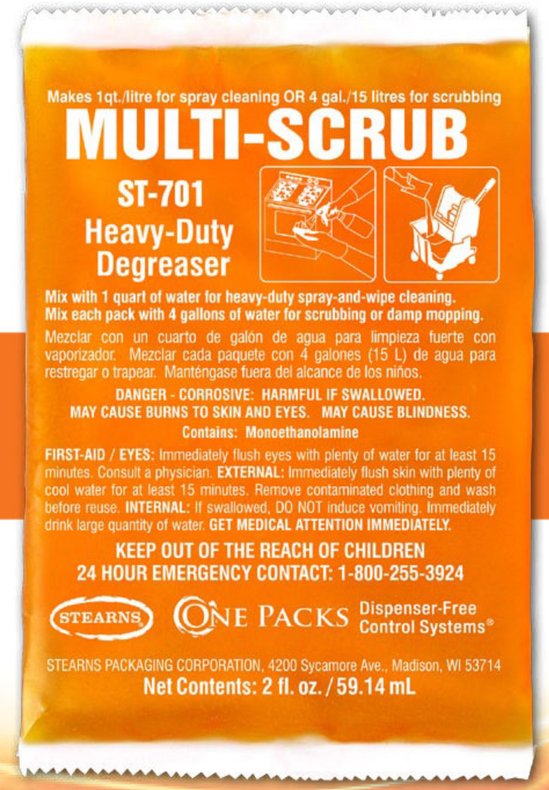
ONE PACKS
Dispenser-Free Control Systems®



Multi-scrub
ST-701, 72 x 2 oz.

Multi-Scrub

Heavy-Duty Degreaser

Cleans ovens, deep fat fryers, floors, walls, counters, and tables
Use with a trigger spray bottle, mop, or microfiber

ST-No.	UPC No. Mfg. No. 071206	Case Size	Case Weight	Cases/Pallet	Yield
ST-701	008701	72 x 2 fl. oz. packs	12 pounds	75	1 Qt./4 Gal.
ST-1371	013712	25 x 2 fl. oz. packs w/bottle	4.25 pounds	162	1 Qt./4 Gal.
ST-9958	099587	12 x 32 oz. empty silk-screened bottles		40	N/A

Personal Protective Equipment: 1. Wear protective gloves and clothing.
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.

SPRAY-AND-WIPE CLEANER | FOODSERVICE

Designed for heavy duty cleaning and degreasing of floors, walls, tables, chairs, counters, equipment tanks, and other hard non-porous surfaces. Ideal for shower stalls, machines, and heavy oil and grease areas.

Ingredients

The primary ingredients in *Multi-Scrub* are benzyl alcohol, alcohol ethoxylate, sodium dodecyl diphenyl oxide disulfonate, and monoethanolamine.

Chemical Characteristics

Abrasive.....no
Appearance..... clear, orange liquid
Corrosive ..... yes (alkaline)
Fragrance ..... slight alcohol
Non-Flammable ..... yes
pH (use dilution) 10.0-10.5
(concentrate) ..... 11.5±0.5
Phosphate-Free ..... yes

Directions

For Floor Degreasing

1. Fill mop bucket to 4 gallon level with water.
2. Open pack and pour contents into mop bucket.
3. Apply mopping solution to floor.
4. Scrub with machine or deck brush.
5. Remove the solution with a mop, vacuum, or squeegee down drain.
6. Rinse with clean water.
7. Pick up solution or squeegee down drain.

For Heavy-Duty Spray Degreasing

1. Fill quart spray bottle #9958 to fill line with water.
2. Open pack Multi-Scrub #701 and pour contents into spray bottle.
3. Spray surface. Let soak for heavy buildups.
4. Wipe clean and rinse.

For Oven Cleaning

1. Shut off gas or electric before cleaning.
2. Spray warm oven with solution from quart spray bottle.
3. Let soak for 10 minutes.
4. Re-spray and rub gently with abrasive pad.
5. Wipe surfaces with wet cloth.

For Deep Fryer Cleaning

1. Drain grease from fryer. Wipe out excess with paper towels.
2. Fill fryer with water (fill above frying line).
3. Add contents of one pack Multi-Scrub #701 per 4 gallons of water.
4. Turn on heat. Boil up to 15 minutes.
5. Stay close to watch fryer.
6. Turn off heat. Allow to cool and drain.
7. Neutralize by pouring in a solution of 1 qt. vinegar to 2 gal. water.
8. Rinse with clear water. Wipe dry with cloth

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: Multi-Scrub

Synonyms: ST-701, ST-1371

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: FM80
MSDS File Name: MULTI-SCRUB
EPA Reg #: None
DOT Hazard Class: 8 Corrosive
DOT Shipping Name: NA1760, Compounds, cleaning liquid, (containing monoethanolamine), 8, PG III, Ltd Qty. Item 48580, Sub 3
Hazard Label: Ltd Qty Diamond
NSF Certified: None

Emergency Contact: CHEM-TEL, 800-255-3924

Concentrate		In Dilution
1	Flammability	0
3	Health	2
0	Reactivity	0
None	Special Hazard	None

HAZARD RATING
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Abbreviation Key: N.A.=Not Applicable, N.D.=Not Determined

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL IDENTIFICATION	CAS NO.	PEL(ppm)	TLV(ppm)	%(Optional)	Other Limits
Water	7732-18-5			30-60	
Benzyl alcohol	100-51-6			10-20	
Alcohol ethoxylate	68439-46-3			10-20	
Sodium dodecyl diphenyl oxide disulfonate	119345-04-9			7-13	
Monoethanolamine	141-43-5	3	3	5-10	6 STEL
Triethanolamine	102-71-6	3	3	1-5	
Ethanol	64-17-5	1000	1000	1-5	

SARA Section 313 Title III Notification Required: No

SECTION 3 – PHYSICAL DATA

Appearance and Odor: Clear, orange liquid, Slight solvent-based scent

Solubility in water: Complete
Boiling Point: N.D.
Melting Point: N.A.

Vapor Pressure (mm Hg): N.D.
Vapor Density (Air=1): N.D.
Evaporation Rate (Water=0.3): N.D.

pH (Concentrate): 11.5 ± 0.5
pH (1% Solution): 10.0
Specific Gravity: 1.035

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible, >200°F

Flammable Limits LEL: N.A.
UEL: N.A.

Extinguishing Media: CO_2, dry chemical, alcohol foam, or as appropriate for surrounding fires.

Special Fire Fighting Procedures: Use full protective clothing and self-contained breathing apparatus. Water and regular foam may cause excessive frothing.

Unusual Fire & Explosion Hazards: Explosive hydrogen gas will be produced if chemical is in contact with aluminum at temperatures above 60º C.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable: X Unstable: _____

Conditions to Avoid: Avoid freezing and extremes of heat. Avoid sparks and open flames.

Incompatibility (Materials to Avoid): Oxidizing materials, copper, aluminum, zinc, galvanized metals, gold, silver, and alloys of these metals. Avoid contamination with strong oxidizing agents and acids.

Hazardous Polymerization: May Occur _____ Will Not Occur X

Hazardous Decomposition or By-Products: Possible nitrogen oxides. Possible hydrogen gas in the presence of aluminum and heat greater than 60ºC.

SECTION 6 – HEALTH HAZARD DATA/FIRST AID PROCEDURES

Health Hazards (Acute and Chronic): INHALATION: Vapors and mists are extremely corrosive to the nose, throat, and mucous membranes. Bronchitis, pulmonary edema, and chemical pneumonitis may occur. Irritation, coughing, chest pain and difficulty in breathing may occur with brief exposure. Prolonged exposure may result in more severe irritation and tissue damage. Breathing high concentrations may result in death. EYES: Extremely corrosive to the eyes. Brief contact of the vapors will be severely irritating. Brief contact of the liquid or mists will severely damage the eyes. Prolonged contact may cause permanent injury which may be followed by blindness. SKIN: Vapors will severely irritate the skin, and liquid and mists will severely burn the skin. Prolonged liquid contact will burn or destroy surrounding tissue and death may accompany burns which extend over large portions of the body. INGESTION: May be harmful or fatal. Ingestion causes burning of tissues, nausea, abdominal pain, vomiting and collapse. Swallowing large quantities may cause death.

NTP? Yes_____No__X__ OSHA Regulated? Yes_____ No__X__

Carcinogenicity: IARC Monographs? Yes_____ No__X__

Signs and Symptoms of Exposure: SKIN: Irritation or corrosion may occur to exposed tissues. Brief contact with skin may cause irritation or rash. Prolonged contact may cause skin burns and ulceration. EYES: Eye contact may cause blindness. Liquid may irritate or corrode eyes, causing discomfort, tearing or blurring of vision. Prolonged contact may lead to eye corrosion with corneal or conjunctival ulceration. INGESTION: May be harmful or fatal. Ingestion causes burning of tissue, abdominal pain, nausea, vomiting and collapse. Swallowing large quantities may cause death.

Medical Conditions Aggravated by Exposure: Dermatitis

Emergency and First Aid Procedures:

Eyes: Flush with cool water for at least 15 minutes. If irritation persists, consult a physician.

Skin: May be irritating to skin. Flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.

Inhalation: Remove from exposure. Obtain medical attention immediately.

Ingestion: May be harmful if swallowed. Drink large amounts of water or milk. **DO NOT** induce vomiting. Get medical attention immediately. Delayed gastric lavage should be done under esophaloscopic visualization.

NOTE TO PHYSICIAN: Duration of irrigation and treatment is at the discretion of medical personnel. No specific antidote. Use supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Ventilation: Local Exhaust: To control below TLV of 3 ppm for monoethanolamine.
Mechanical: To control below TLV of 3 ppm for monoethanolamine.

Skin Protection: Use neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged exposure.

Eye Protection: Avoid eye contact.

Respiratory Protection: In general, respirators are not needed if the product is used in a well-ventilated area. However, a respirator is recommended when working with products where dusts and mists cause irritation of the eyes and/or mucous membranes.

Other Precautions: Always keep out of the reach of children. Peroxides may form during storage.

Steps to be Taken if Material is Spilled or Released: Wear protective equipment. Contain spills or leakage in suitable containers or contain in a holding area. Do not allow drainage to sewers, streams, or storm conduits. Recover material and place in proper container for disposal. Flush area with water. Avoid splashing and misting that could increase health hazards.

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: Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Do not store near acids or metals like aluminum, tin, or zinc.

SECTION 8 – OTHER REGULATORY INFORMATION

State Right-to-Know Regulations:

Ethylene oxide 75-21-8	MA
Dioxane 123-91-1	MA
Triethanolamine 102-71-6	FL, PA, RI
Benzyl alcohol 100-51-6	MA, NJ, PA

California Safe Drinking Water and Toxic Enforcement Act of 1986--No chemicals listed by Calif. are present at a level that poses a significant risk of causing cancer or reproductive toxicity.
Ethylene oxide 75-21-8 Trace < 4ppm
Dioxane 123-91-1 Trace < 4ppm

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