MATERIAL SAFETY DATA SHEET

Share Corporation
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GENERAL INFORMATION NUMBER: 414-355-4000
CHEMTREC: (800) 424-9300

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I - Product Identification

Gel MSR

PRODUCT CODE: 0691
CHEMICAL FORMULATION: Water based ready to use cleaner.
NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 1 **FLAMMABILITY:** 0 **REACTIVITY**: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR: 302	355	372	CAS #
Sodium hypochlorite	5.00-15.0	N/E	N/E	Y	N	N	7681-52-9
Potassium hydroxide	< 2.0	2 mg/m^3 C	2 mg/m^3 C	Y	N	N	1310-73-2

Key: **PEL**: Permissible Exposure Limit **TLV:** Threshold Limit Value **C**: Ceiling level **STEL**: Short Term Exposure Limit
N/A: Not Applicable **N/D**: Not Determined **N/E**: Not Established **Y**: Yes **N**: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR = 1): N/D
SOLUBILITY IN WATER: Soluble
SPECIFIC GRAVITY (WATER = 1): 1.03
VOC CONTENT (% by weight): <1.0
EVAPORATION RATE (WATER = 1): N/D
pH: 12.0-13.0
APPEARANCE AND ODOR: Translucent gelled liquid; slight chlorine odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A **(TEST METHOD):** Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %) **UPPER:** N/A **LOWER:** N/A
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Heat and acid contamination will produce irritating and toxic fumes. May decompose, generating irritating chlorine gas.

V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong acids, reducing agents, organic material, cellulose, oxidizable materials, ammonia, urea, ammonium salts, ethyleneimine, cyanides, nitrogen compounds, alcohols, metals, and metal oxides.
CONDITIONS TO AVOID: Keep away from high heat, and sunlight or ultra-violet light.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce Chlorine, sodium oxide, oxygen, oxides of chlorine, sodium chlorate, and hydrogen.
HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.
EFFECTS OF OVEREXPOSURE
IF IN EYES: Moderate to severe irritation, redness and possible burns.
IF ON SKIN: Redness, dryness and irritation, with prolonged or repeated exposure.
IF SWALLOWED: Irritation and corrosion of mucous membranes, gastrointestinal irritation, nausea, vomiting.
IF INHALED: Irritation to upper respiratory tract.
EMERGENCY AND FIRST AID PROCEDURES
IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain immediate medical attention.
IF ON SKIN: Flush with water for at least 15 minutes while removing clothing. Wash clothing separately before reuse. If irritation persists, obtain medical attention.
IF SWALLOWED: Contact physician or poison control center immediately. Do not induce vomiting unless told to do so by a physician or poison control center. Give affected person several glasses of water. Never give anything to an unconscious person.
IF INHALED: Remove person to fresh air.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill and ventilate area. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.
WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.
VENTILATION **LOCAL:** Recommended **MECHANICAL:** Not required
PROTECTIVE GLOVES: Chemical resistant.
EYE PROTECTION: Safety glasses or chemical goggles
OTHER PROTECTIVE EQUIPMENT: Eye wash station.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from acidic material. Keep container tightly closed when not in use. Do not mix with any other cleaning chemical. Rinse container thoroughly before discarding.
OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (potassium hydroxide, sodium hypochlorite)
DOT CLASS: 8 **DOT ID NUMBER:** NA1760 **DOT PACKING GROUP**: II

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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