

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Date Prepared: 4/12/2004

Code: 5340

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| SECTION 1 - PRODUCT IDENTIFICATION | | | | |
| Distributor p.g. gast & sons company, inc. | | Emergency Phone 616/245.0574 | | |
| Address 1515 Madison Avenue S.E. Grand Rapids, MI 49507 | | | | |
| Trade Name Shower Cleaner with Force Field Technology | | Product Type Ready-To-Use Safe Acid Surface Cleaner | | |
| SECTION 2 - INGREDIENTS | | | | |
| CHEMICAL NAME/COMMON NAME | CAS NO. | WT. %(opt) | TLV(Source) | TITLE III, SECT. 313 |
| Water | 7732-18-5 | Balance | None Established | |
| Organic Acid Salt (Patent Pending) | Proprietary | 4 - 10% | None Established | |
| Other components present at less than 1% by weight. | | | | |
| SECTION 3 - PHYSICAL DATA | | | | |
| Boiling point (°F.) | 212 | Specific Gravity (H2O=1.0) | 1.0 ± 0.005 | pH 1.0 ± 0.5 |
| Vapor Pressure (mm Hg) | Not Determined | | Vapor Density (Air=1) Not Determined | |
| Solubility in water | <input checked="" type="checkbox"/> Complete | <input type="checkbox"/> Insoluble | <input type="checkbox"/> Emulsifiable (or Dispersible) | <input type="checkbox"/> Slight (or Partial) |
| Evaporation Rate (vs. H2O) | <input type="checkbox"/> Faster | <input type="checkbox"/> Slower | <input checked="" type="checkbox"/> About the Same | Appearance and Odor Clear,colorless liquid with fresh odor. |
| SECTION 4 - FIRE AND EXPLOSION HAZARD DATA | | | | |
| Flash Point (T.C.C.) | °F. <input checked="" type="checkbox"/> None to Boiling | | Flammable Limits | N/A Upper Lower |
| Extinguishing Media Product is noncombustible. Water Spray (Fog), Dry Chemical, CO2, or Foam may be used where product is stored. | | | | |
| Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply. | | | | |
| Unusual Fire and Explosion Hazards At temperatures above 140F acid action on most metals may release hydrogen, a highly flammable & explosive gas. | | | | |
| SECTION 5 - REACTIVITY DATA | | | | |
| Stability | Stable | | | |
| Incompatibility | Metal powders. Alkaline materials. Strong oxidizing or reducing agents. | | | |
| Hazardous Decomposition Products Burning may yield oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released with metal contact. | | | | |
| SECTION 6 - HEALTH HAZARD DATA | | | | |
| Primary Routes of Exposure | <input checked="" type="checkbox"/> Eye | <input checked="" type="checkbox"/> Skin | <input checked="" type="checkbox"/> Oral | <input type="checkbox"/> Inhalation <input type="checkbox"/> Other |
| Signs and Symptoms Of Overexposure (Acute) | Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation. | | | |
| Signs and Symptoms of Overexposure (Chronic) | Prolonged or repeated exposure can cause drying,defatting, and dermatitis. | | | |
| Medical Conditions Aggravated by Overexposure None currently known. | | | | |
| Carcinogen or Suspect Carcinogen Ingredients | <input type="checkbox"/> NTP | <input type="checkbox"/> IARC | <input type="checkbox"/> OSHA | <input checked="" type="checkbox"/> NONE |
| SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES | | | | |
| Eyes | Flush eyes with water for at least 15 minutes and call a physician immediately. | | | |
| Skin | Wash affected areas with large amounts of soap and water. If irritation persists call physician. | | | |
| Ingestion | Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention. | | | |
| Inhalation | Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician. | | | |
| SECTION 8 - SPECIAL PROTECTION INFORMATION | | | | |
| Respiratory Protection Not required under normal use conditions with good general ventilation. Protect against misting conditions. | | | | |
| Ventilation Requirements | N/A | <input type="checkbox"/> Local Exhaust | <input type="checkbox"/> Mechanical | <input type="checkbox"/> Other |
| Eye Protection | Safety Glasses/Goggles | | | |
| Protective Gloves | Rubber/PVC | | | |
| Other Protective Clothing | No special requirements - work clothing appropriate to minimize contact/reduce exposed skin area. | | | |
| SECTION 9 - SPILL OR LEAK PROCEDURES | | | | |
| Steps To Be Taken If Released or | Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim in containers for reuse, recycle or proper disposal. | | | |
| Waste Disposal Methods Dispose of in an approved waste facility according to Federal, State and local regulations. | | | | |
| SECTION 10 - STORAGE AND HANDLING INFORMATION | | | | |
| Precautions to be Taken In Handling and Storage | This product is non-corrosive to skin (per OSHA, DOT regulations) and non-fuming. Do not store in metal containers (especially aluminum) at temperatures exceeding 120°F. Store in polyethylene, polypropylene, or fiberglass containers. Keep container closed when not in use. | | | |

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | X |

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME