



## MATERIAL SAFETY DATA SHEET

MSDS #: FH/L/2006/SKSE-6MFL53  
Supersedes: FH/L/2006/SKSE-6KWLGR

Issue Date: 4/18/06  
Issue Date: 4/13/06

### SECTION I - CHEMICAL PRODUCT

Identity: **Multi-Surfaces Cleaner** **Packaged Finished Product**  
Brands: **MR. CLEAN EXTRA POWER**

P&G Telephone Number: 1-800-8-MR CLEAN (1-800-867-2532) or call Local Poison Control Center or your Physician for medical emergencies.

### SECTION II - COMPOSITION AND INGREDIENTS

Product contains lactic acid, oxalic acid and biodegradable anionic and nonionic surfactants. Contains **no phosphate.**

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under HPA-CPR.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Oxalic acid	Oxalic acid	144-62-7	1-5%	N/A

### SECTION III - HAZARDS IDENTIFICATION

**Potential Health Hazards (Acute and Chronic):** (See Section 11 for more information)

Ingestions: Harmful if swallowed.

Eye Contact: May cause eye irritation.

Skin Contact: May cause skin irritation.

Inhalation: Dangerous fumes form when mixed with other products. Do not breathe fumes.

**Signs and Symptoms of Exposure:**

Ingestion: Oral ingestion may result in transient nervous system effects (ataxia and muscle weakness) and/or gastrointestinal irritation with nausea, vomiting or diarrhea. This product contains alcohol ethoxylates. Large ingestions (>2 mL/kg) may also cause symptoms of alcohol-like intoxication, incoordination, drowsiness, inarticulateness or ataxia. Alcohol ethoxylates may contribute to central nervous system symptoms.

Eye Contact: May cause stinging, tearing, itching, swelling, and/or redness.

Skin Contact: Prolonged contact with concentrated material may be transiently irritating to skin.

Inhalation: Inhalation of significant amounts of aerosolized product may cause slight respiratory irritation.

**Potential Environmental Effects:** (See Section 12 for more information)

**SECTION IV - FIRST AID INFORMATION****First Aid Procedures:**

**Ingestion:** Drink 1 or 2 glasses of water. And IMMEDIATELY call a Poison Control Center or doctor. Do not induce vomiting.

**Eye Contact:** Remove contact lenses and rinse with water for 15 minutes.

**Skin Contact:** Rinse skin with plenty of water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.

**Inhalation:** Remove to fresh air.

**Other:** Consumer product package displays the following precautionary information: **“CAUTION: IRRITANT. MAY IRRITATE EYES OR SKIN. HARMFUL IF SWALLOWED. DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS. DO NOT MIX WITH BLEACH OR OTHER HOUSEHOLD CHEMICALS.** Do not get in eyes, on skin or on clothing. Do not breathe fumes. Use in a well ventilated area. **KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains lactic acid, oxalic acid and biodegradable (anionic and nonionic) surfactants. If in eyes, remove any contact lenses and rinse with water for 15 minutes. If on skin, rinse with plenty of water. If swallowed, drink 1-2 glasses of water and IMMEDIATELY call a Poison Control Center or doctor. **DO NOT INDUCE VOMITING.** If inhaled, remove to fresh air. **Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.”

**SECTION V - FIRE FIGHTING INFORMATION**

**Flammable Properties:** This product has high water content and low solvent content. Flash point >200°F / >93.3 °C (ASTM D-93 Pinsky-Martens Closed Cup).

**Extinguishing Media:** CO<sub>2</sub>, water or dry chemical.

**Protection of Firefighters:**

Specific Fire Hazards Arising from the Material: None

Protective Equipment and Precautions for Firefighters: No unusual precautions necessary.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** See Section VIII below.

**Environmental Precautions:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. Do not landfill. Small (household) quantities may be disposed of via sewer with large quantities of water. Waste of this product is considered corrosive hazardous waste (D002) in industrial settings.

**Steps To Be Taken in Case Material is Released or Spilled:** Prevent spills from reaching a waterway. Sorbents may be used. Read “Waste Disposal Method” below for further information.

**SECTION VII - HANDLING AND STORAGE**

**Precautions To Be Taken in Handling:** Handle in a well ventilated area.

**Precautions To Be Taken in Storage:** Storage must be in a well ventilated, cool and dry area.

**Other Precautions:** None known

**SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Exposure Guidelines:** Oxalic acid (CAS# 144-62-7) ACGIH 8 hr.TLV-TWA 1 mg/m<sup>3</sup>  
 (as a solid) ACGIH 15 min. STEL 2 mg/m<sup>3</sup>  
 NIOSH REL (10 hr work day/ 40 hr. work week) 1 mg/m<sup>3</sup>  
 NIOSH STEL 2 mg/m<sup>3</sup>  
 NIOSH IDLH 500 mg/m<sup>3</sup>

**Personal Protective Equipment (PPE):**

**Eye/Face Protection:** None required with normal consumer use.

*Occupational Setting:* For splash protection, use chemical goggles. Eye Wash fountain is desirable.

**Skin Protection:** None required with normal use. If you have sensitive skin, we recommend that you use gloves for household use of this product.

*Occupational Setting:* Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

**Respiratory Protection (Specify Type):** None required with normal use.

**Ventilation Local Exhaust:** Use in a well ventilated area for household use. Vapors may be harmful.

*Special:* None

*Mechanical (General):* Normal/general dilution ventilation is acceptable. *Other:* None

**Other Protective Equipment:** None required with normal use.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point °C/°F:** Not known

**Specific Gravity (H<sub>2</sub>O=1)/Density:** 1.029 g/cm<sup>3</sup>

**Vapor Pressure (mm Hg):** N/A

**Physical State:** Liquid

**Vapor Density (Air=1):** N/A

**Melting/Freezing Point:** N/A

**Flash Point (Method Used):** >200°F / >93.3°C  
 (ASTM D-93 Pensky-Martens Closed Cup)

**pH (10% solution):** 1.88

**Solubility in Water:** Completely

**Reserve Alkalinity:** 50.89 mg KOH/g to pH 4  
 74.64 mg KOH/g to pH 7

**Partition Coefficient (n-octanol/water):** N/A

**Explosive Limits: LEL:** N/A **UEL:** N/A

**Appearance and Odor:** Clear liquid. Product is perfumed.

**Odor Threshold:** N/A

**SECTION X - STABILITY AND REACTIVITY**

**Chemical Stability:** Stable  
**Possible Hazardous Reactions/Conditions:** None known  
**Conditions to Avoid:** None  
**Materials to Avoid:** None  
**Hazardous Decomposition Products:** None known  
**Other Recommendations:** None

**SECTION XI - TOXICOLOGICAL INFORMATION**

Toxicological Information on individual components indicates that this product may cause slight respiratory irritation, and may cause slight eye and skin irritation.

**SECTION XII - ECOLOGICAL INFORMATION**

This product is expected to be non-hazardous at relevant environmental concentrations.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS. The product waste is considered RCRA hazardous (Corrosive waste, D002).  
*Household Use:* Household product is safe for disposal down the drain during use with large quantities of water.  
*Industrial Setting:* Do not landfill. Product waste must be properly stored for retrieval and disposal by a certified hazardous waste hauler.

**SECTION XIV - TRANSPORT INFORMATION**

Ground Transport (DOT): Not regulated  
Air Transport (IATA): Not regulated  
Marine/Water Transport (IMDG): Not regulated

**SECTION XV - ADDITIONAL REGULATORY INFORMATION**

All intentionally-added components are listed on the US TSCA Inventory.  
These products are not subject to warning labeling under California Proposition 65.

SECTION XVI - OTHER INFORMATION		
P&G Hazard Rating:	Health: 1 Flammability: 1 Reactivity: 0	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0=NOT SIGNIFICANT
*N/A. - Not Applicable	*N/K. - Not Known	
Data supplied is for use only in connection with occupational safety and health.		
The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.		