

**OneStep Cleaner A MATERIAL SAFETY DATA SHEET****Section I - Product Code/Description**

EFFECTIVE DATE: 12/1/97      CHEMICAL NAME/SYNONYMS: Organic Acids / dispersant  
CHEMICAL FAMILY: N/A      FORMULA: Proprietary Blend

**Section II - Hazardous Ingredients / Identity Information**

PCT: >90      Organic Acid      CAS No: 77-92-9      EXPOSURE LIMIT: N/E  
PCT: <10      Not Listed on OSHA Standard 29 CFR 1910 Subpart Z

**Section III - Physical Data**

BOILING POINT: N/A      SPECIFIC GRAVITY: N/A      STATE: Solid  
VAPOR PRESSURE: N/A      MELTING POINT: 153 Deg. C      ODOR: None  
VAPOR DENSITY: N/A      EVAPORATION RATE: N/A      pH: (3% solution) 2.5 +/- .5  
WATER SOLUBILITY: >99%      APPEARANCE: White Crystal      STORAGE: Store tightly sealed in cool, dry area

**Section IV - Fire, Explosion Hazard and Reactivity Data**

STABILITY: N/A      AUTOIGNITION POINT: N/A      FLASH POINT: N/A      METHOD: N/A  
FLAMMABILITY LIMITS: Lower: N/A      Upper: N/A      SUSCEPTABILITY TO SPONTANEOUS HEATING: None  
SHOCK SENSITIVITY: None  
EXTINGUISHING MEDIA: Water, CO2, Dry Chemical, Foam  
FIRE / EXPLOSION HAZARDS: Combustible. Eliminate ignition source. Self contained breathing apparatus and protective equipment is recommended.  
HAZARDOUS DECOMPOSITION PRODUCTS: Acid fumes, carbon dioxide, carbon monoxide.  
CONDITIONS TO AVOID: Exposure to moisture, oxidizers or strong bases.

**Section V - Health Hazard Data**

POSSIBLE IRRITATION TO: eyes, skin or respiratory tract.      ORAL INGESTION: May cause nausea, vomiting.  
SKIN ABSORPTION: May cause irritation.      EYE: May cause irritation.  
SKIN IRRITATION: May cause mild irritation.      CHRONIC EXPOSURE: No known effect.  
CANCER INFORMATION: N/A      ROUTES OF EXPOSURE: N/A      TARGET ORGANS: N/A  
OVEREXPOSURE: May irritate eyes respiratory tract or skin.

**Section VI - Precautionary Measures**

Avoid contact with skin and eyes. Use in well ventilated area. Wash thoroughly after handling.  
PROTECTIVE EQUIPMENT: Adequate ventilation, safety glasses, disposable gloves, respirator.

**Section VII - First Aid And Emergency Procedures**

EYES: Immediately flush with water for 15 minutes. Call physician.  
SKIN: Flush with plenty of water. Wash with soap and water.  
INGESTION: Give 2 large glasses of water. Do not give unconscious person anything by mouth. Do not induce vomiting. Immediately take to a physician.      INHALATION: Remove to fresh air.

**Section VIII - Spill And Disposal Procedures**

Wear splash proof eye protection and impervious clothing. Dike and contain liquid spills. Neutralize cautiously with Soda Ash if required. Absorb liquid spills with inert material. Avoid creating a dust. Place in appropriate containers. Floor will be slippery. Do not allow to enter drinking water supply or streams. Dispose of in accordance with federal, state and local regulations

**Section IX - Transportation Data**

D.O.T. PROPER SHIPPING NAME: N/A      HAZARD CLASS: N/A      ID: N/A

Note: The opinions expressed herein are those of qualified experts within Gem Water. We believe the information to be current as of the date of this Material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are not under the control of Gem Water, it is the user's obligation to determine conditions of safe use of the product.