

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 3/1/2007

Code : 5380

SECTION 1 - PRODUCT IDENTIFICATION				
Distributor Custom Solutions	Emergency Phone 800.309.5869			
Address 900 East 103rd Street, Chicago, IL 60628				
Trade Name PDQ Acid Bath Cleaner Concentrate	Product Type Acid Bath Concentrate			
SECTION 2 - INGREDIENTS				
CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Phosphoric Acid	7664-38-2	10-20%	1pm (TWA;STEL)	Not Listed
Hydroxy Acetic Acid	79-14-1	10-20%	None Established	Not Listed
Citric Acid	77-92-9	5-10%	10mg/m3 (TWA)	Not Listed
Nonionic Surfactant	34398-01-1	5-10%	None Established	Not Listed
Water	7732-18-5	Balance	None Established	Not Listed
SECTION 3 - PHYSICAL DATA				
Boiling point (°F.) 212°F	Specific Gravity (H2O=1.0)	1.2 ± 0.005	pH	0.6 ± 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, green colored liquid with spearmint 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 None				
SECTION 5 - REACTIVITY DATA				
Stability Stable	Incompatibility Reactive metals (aluminum); alkaline materials; strong oxidizers			
Hazardous Decomposition Products Burning may produce oxides of carbon and other substances.				
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) Corrosive to all body tissues by all routes of exposure. Prolonged contact with skin can produce severe burns & destroy tissues; irritation may be delayed. Prolonged contact with eyes may cause severe burns, permanent damage & possibly blindness. Harmful or fatal if swallowed — causes severe burns of the mouth, throat & stomach. Inhalation of generated mists or spray may cause respiratory irritation or damage.				
Signs and Symptoms of Overexposure (Chronic) Chronic local effects may consist of multiple areas of superficial destruction of the skin or of primary irritant dermatitis.				
Medical Conditions Aggravated by Overexposure An existing dermatitis.				
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 Specific use conditions (spraying/confined spaces) where regulatory limits are exceeded may require local exhaust ventilation to prevent release of mist and/or vapors into work environment. If ventilation is not adequate, use a NIOSH/MSHA approved respirator with alkaline mist/gas cartridge & full face piece.				
Ventilation Requirements Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other <input type="checkbox"/>	Eye Protection Safety Glasses/Goggles			
Protective Gloves Rubber/PVC	Other Protective Clothing Impervious protective clothing appropriate to minimize contact (ie: boots, apron, faceshield) especially where sprayback/misting conditions exist.			
SECTION 9 - SPILL OR LEAK PROCEDURES				
Steps To Be Taken If Released or Before attempting clean up, refer to data given above. 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 into 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 WARNING: Corrosive liquid. Do not get in eyes, on skin or clothing. Keep container closed when not in use. Wash thoroughly after handling. D.O.T. Classification : Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid), 8, UN3264, PGIII.				

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	3	
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	X	

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