

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-3; Flammability-0; Reactivity-1; Special			HHIS Rating: Health-3; Flammability-0; Reactivity-1; Personal Protection B			
Manufacturer's Name: Solutions USA Address: 139 Altama Connector # 417 Brunswick, Ga 31525			DOT Hazard Classification: Oxidizer 5.1, Corrosive 8 Identity (trade name as used on label): NPSC the Natural Pool & Spa Cleaner			
Date Prepared: 04/07/2006		Prepared By: ES		MSDS Number:		
Information Calls: 912-554-3700			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
Emergency Calls 800-255-3924						
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Periacetic Acid		79-21-0	NO	1 ppm	1 ppm	d
* Indicates hazardous ingredients which are toxic chemicals subject to the reporting requirements of Section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 372						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: 100°C		Specific Gravity (Water)=1) 1.1094				
Vapor Pressure: PSIG @ 46		Melting Point: Not Applicable				
Vapor Density (Air = 1): N/D		Evaporation Rate (Butyl Alcohol = 1): slower				
Solubility in Water : Complete		pH of Concentrate: 1.5- 2.5				
Appearance and Odor: Clear Solution, Acrid Odor						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST Non-flammable		Auto Ignition Temperature N/A		Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A		
FLASH POINT AND METHOD USED (non-aerosols): Non-combustible			SPECIAL FIRE FIGHTING PROCEDURES:			
EXTINGUISHER MEDIA: Water Spray			Keep containers cool			
Unusual Fire & Explosion Hazards: None known.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY (X) STABLE () UNSTABLE			HAZARDOUS POLYMERIZATION () WILL (X) WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Persulfates, oxidizers, alkaline materials, chlorine.			Conditions to Avoid: Flames, Combustibles like wood/paper			
Hazardous Decomposition Products: Oxygen that supports combustion						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: () INHALATION () INGESTION () SKIN ABSORPTION () EYE () NOT HAZARDOUS						
ACUTE EFFECTS: Corrosive. May cause severe irritation of skin and eyes. Harmful if swallowed. Wear gloves & goggles.						
Inhalation: No						
Eye Contact: May cause severe irritation of skin and eyes. Wear goggles.			Skin Contact: May cause burns of skin. Do not allow contact.			
Ingestion: Unlikely		Carcinogenicity: NTP: No		IARC Monographs: OSHA Regulated: No		
Signs & Symptoms of Exposure: Redness of skin and eyes. Burning of eyes and skin.						
CHRONIC EFFECTS: Unlikely						
Medical Conditions Generally Aggravated by Exposure: None Known						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: May cause severe burns. Mucosal damage possible. Do not allow contact with eyes. Flush with water for 15 minutes. Get medical attention immediately.						
Skin Contact: Remove contaminated clothing. Wash with soap and water. Wear gloves & goggles when handling.						
Inhalation: Not likely. Flush nasal passages with water. If irritation develops, contact medical authorities.						
Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): None required under normal conditions of storage and use.						
Protective Gloves: Rubber			Eye Protection: Glasses or goggles			
Ventilation Requirements: Do not spray in confined area. Do not breath mist.						
Other Protective Clothing & Equipment: As required to prevent skin contact						
Hygienic work Practices: Wash hands after use.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material is Spilled Or Released : Wipe, mop, or flush with water. Soak up with absorbent material.						
Waste Disposal Methods: Flush with water						
Precautions To Be Taken In Handling & Storage: Store in dry area. Keep container closed						
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen, (a) NTP (b) IARC Monograph (c) OSHA (d) Not Listed (e) Animal Data Only