

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Shower-N-Staff Generic Name: Acid Cleaner	Supplier's Name: Don Aslett's Cleaning Center
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Chemical Family: Acid Detergent Blend	Supplier's Address:
Manufacturer's Phone #: (610) 926-4106	Formula: Proprietary	Supplier's Phone #:

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Urea Monohydrochloride	506-89-8	0 to 5	C5 ppm	C5 ppm	N/E
Sulfamic Acid	5329-14-6	0 to 5			
Oxalic Acid	6153-56-6	0 to 5	1mg/m ³	1mg/m ³	N/E
Surfactant	9016-45-9	0 to 5			
2-Butoxyethanol	111-76-2	0 to 5			
Perfume Oils	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.040 – 1.045
Vapor Pressure: 25mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 90+	pH: 0.5-1.5
Solubility in Water: Complete	Evaporation Rate (Water=1): <1
Physical Description: Thin blue liquid with pleasant Cherry-almond odor.	
VOC Content: 2.59% by wt.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Lower Explosion Limit: N/A
Upper Explosion Limit: N/A	Extinguishing Media: N/A
Special Firefighting Procedures: Non Flammable	
Unusual Fire and Explosion Hazards: N/A	

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Hydrogen or chlorine gas.	Incompatibility (Materials to Avoid): Strong alkalis or oxidizers. Contact with aluminum, soft metals and iron may generate hydrogen gas.

SECTION 6-STORAGE AND HANDLING INFORMATION

DANGER: Corrosive to eyes. Severe skin irritant. Avoid contact with eyes, skin and clothing. Wear rubber gloves and protective eyewear when handling. Keep out of reach of children. For use by trained personnel only. Do not mix with alkali cleaners, oxidizers or other cleaning products. Keep container closed during storage. For institutional and industrial use only. Wash hands after each use. Avoid breathing of vapors. Use in well-ventilated area only. Avoid contact with aluminum, brass.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Skin irritant. Prolonged or repeated contact may cause chemical burns.
Eyes: Corrosive. Liquid and mists may burn or injure eyes, causing irreversible corneal damage.
Inhalation: Irritating to mucous membranes of the nose, throat, and lungs. Vapors may cause choking, burning sensation of throat and lungs, leading to irreversible damage.
Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.
First Aid Procedures:
Skin: Remove contaminated clothing. Flush exposed area with large quantities of water followed by washing with mild soap. Seek medical attention if irritation persists.
Eyes: Immediately flush with large quantities of water, holding eyelids open. Seek medical attention immediately.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Provide mechanical exhaust in enclosed areas with poor natural ventilation.
Protective Gloves: Acid proof, rubber, or neoprene.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash, chemical resistant apron.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If disposed of in its purchased form, this product has the RCRA characteristic of corrosivity and would have an EPA Hazardous waste number of D002. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:	Shipping Information:	HMIS Hazardous Materials Identification System
No - Fire Hazard	(90) FOR CONTAINERS > 1 Gallon: Consult Manufacturer	Health
No - Sudden Release of Pressure Hazard		Flammability
No - Reactivity Hazard	(90) FOR 1 GALLON CONTAINERS: Consult Manufacturer	Reactivity
Yes - Immediate (acute) Health Hazard		Personal Protection
No - Delayed (chronic) Health Hazard	(97) FOR CONTAINERS < 1 GALLON: ORM-D (Consumer Commodity)	

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) 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.

CAS#	Chemical Name	Percent by Weight
Exempt	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product