



SECTION 1: Identification

Product Name	Showers Plus	Item Code	SHOWER1
Recommended Use	Heavy duty shower and restroom cleaner for automated cleaning machines.		
Supplier	M.D. Stetson Company, Inc. 92 York Avenue Randolph, MA 02368 781-986-6161	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	

SECTION 2: Hazard(s) identification

DANGER 	Hazards not otherwise classified or not covered by GHS		
	Right-to-Know chemicals		

Hazard Statement	Hazard Class (GHS Chapter)	Hazard Category
Causes severe skin burns and eye damage	Skin corrosion/irritation (chapter 3.2)	1/1C

Precautionary Statement

Avoid breathing mist or spray.
Wash skin thoroughly after handling.
Wear eye protection and protective gloves.
For contact with skin, immediately remove all contaminated clothing and wash before re-use. Rinse skin with water.
For contact with eyes, rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
For inhalation, remove person to fresh air and keep comfortable for breathing.
For ingestion, rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER.
Store in secured area.
Keep in original package or store in a corrosion-resistant container with a corrosion-resistant lining.
Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
Phosphoric Acid	Orthophosphoric acid, white phosphoric acid	7664-38-2	2-6
Sulfamic Acid	amidosulfonic acid	5329-14-6	2-5
Citric Acid	2-Hydroxy-1,2,3,-propane-tricarboxylic acid	77-92-9	2-5

SECTION 4: First Aid Measures

If medical advice is needed, have product container or label at hand.

Necessary measures for routes of exposure

IF SWALLOWED: Rinse mouth thoroughly. Call physician or poison control center. Do not induce vomiting without advice from poison control center.

IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of water or shower. If irritation occurs get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately call a poison center or medical professional if eye problem persists.

Most important symptoms/effects, acute and delayed.

Acute exposure may cause skin, eye or respiratory damage.

Immediate medical attention and special treatment, if necessary

Move victim to fresh air. Immediately call poison center, 911 or medical aid.

SECTION 5: Fire-fighting Measures**Suitable extinguishing media.**

Dry chemical, CO₂, alcohol resistant foam or water spray

Specific hazards arising from the chemical

Respiratory or asthmatic problems increased.

Special protective equipment and precautions for fire-fighters.

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.

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SECTION 6: Accidental Release Measures**Personal precautions, protective equipment and emergency procedures.**

Chemically protective gloves, clothing and safety eyewear are required for large spills. Salvage reusable materials.

Environmental precautions.

Avoid release to the environment. Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.

Methods and materials for containment and cleaning up.

Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 7: Handling and Storage**Precautions for safe handling.**

Do not eat, drink or smoke in areas where this material is used. Avoid prolonged contact with skin and eyes. Avoid direct inhalation of mist or spray. Always wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities.

Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

SECTION 8: Exposure Controls/Personal Protection

Control parameters	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Minimize skin contact and avoid direct eye contact with this product. Do not release product to the environment. Collect spillage. Store in secured area.
Appropriate engineering controls	Respiratory equipment is required where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination or type ABEK respirator cartridges as a backup to engineering controls. Provide local ventilation.
Individual protection measures	Handle with nitrile gloves which have been inspected prior to use. Safety eyewear is required. Long term exposure could cause eye damage.

SECTION 9: Physical and Chemical Properties

Appearance	Transparent Blue liquid	Specific Gravity	1.04-1.07
Odor	Wintergreen fragrance added	Flash Point/Boiling Point	Not tested
pH	<1.0	Solubility in Water	Complete
pH at use Level	1.9-2.3	Evaporation Rate	Slower than water

SECTION 10: Stability and Reactivity

Reactivity	Not reactive under recommended storage conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Heat. Reactive metals (sodium, zinc, magnesium, etc).
Incompatible materials	Strong bases
Hazardous decomposition products	No data available

SECTION 11: Toxicological Information

IARC	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
ACGIH	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
NTP	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
Additional Information	None available

SECTION 12: Ecological Information

No data is available on the mixture. Avoid release to the environment when not used as intended.

SECTION 13: Disposal Considerations

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

**DOT Packaging Exception 173.154, b,2,d,
Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)
If shipped by airplane, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

DOT Classification	Corrosive liquid, acidic, inorganic, n.o.s. (phosphoric acid, sulfamic acid)	Hazard Class	8
DOT Identification	UN3264	Packaging Group	III
Placard	Corrosive 8	Special Provisions for Bulk Transport (>119 gals container for liquids): Corrosive 8 Placard	

SECTION 15: Regulatory Information

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.
This material does not contain any components subject to the reporting requirements of SARA Title III, Section 313.
These ingredients are subject to the reporting requirements of SARA 311/312.

Phosphoric Acid CAS 7664-38-2 Hazard Classification: Acute Health Hazard, Chronic Health Hazard

Sulfamic Acid CAS 5329-14-6 Hazard Classification : Acute Health Hazard

Citric Acid CAS 77-92-9 Hazard Classification : Acute Health Hazard

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

Phosphoric Acid CAS 7664-38-2 is a MA, PA and NJ Right to Know chemical

Sulfamic Acid CAS 5329-14-6 is a NJ and PA Right to Know chemical

Citric Acid CAS 77-92-9 is a NJ and PA Right to Know chemical

SECTION 16: Other Information

Revision prepared 07/11/2018 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.
Previous Version Dated 11/01/2016

DISCLAIMER: Whereas the use and handling of this product is not within the control of M.D. Stetson Company, Inc., it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. M.D. Stetson Company, Inc. accepts no liability for damages or loss incurred from the misuse and mishandling of this product.