

SAFETY DATA SHEET

Shower Power

GRIG254CQ

GRIG25406

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

MANUFACTURER: Griffin Bros. Inc.
4455 Marion St SE
Albany, OR 97322

INFORMATION PHONE: (800) 456-4743

USES: Removes lime and hard water film and helps remove iron and rust stains.

RESTRICTIONS: Do not mix with other chemicals

For Medical and Chemical Emergencies **CHEMTREC: 1-800-424-9300**

PRODUCT NAME: SHOWER POWER
PRODUCT NUMBER: G-254
DATE PREPARED: 06/19/2014
LAST REVISION: 04/02/2019

PURE: ☐ LIQUID: ☒

MIXTURE: ☒ SOLID: ☐

2. HAZARDOUS IDENTIFICATION:

EMERGENCY OVERVIEW: CORROSIVE!

GHS CLASSIFICATION: Corrosive to Metals (Category 1), Skin Corrosion: (Category 1B), Serious Eye Damage: (Category 1)

GHS Label elements, including precautionary statements

SIGNAL WORD: Danger

PICTOGRAM:



HAZARD STATEMENT(S):

H290: May be Corrosive to metals

H314: Causes severe skin burns and eye damage

PRECAUTIONARY STATEMENT(S):

P264: Wash skin thoroughly after using.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection

P301+P330+P331 IF SWALLOWED: Rinse Mouth. Do Not induce vomiting.

P303+P361+P353 IF ON SKIN (or Hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor/ physician.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Range Wt
PHOSPHORIC ACID	7664-38-2	8 – 12 %
HYDROXYACETIC ACID	79-14-1	2 – 5%

Remainder of ingredients is proprietary information

4. FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes. Get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

INGESTION: If swallowed, do NOT induce vomiting. Give victim lots of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin or respiratory conditions.

SUPPLEMENTAL HEALTH INFORMATION: Hydrofluoric evolution will penetrate skin and attack underlying tissue and bone.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Use water spray. Alcohol-resistant foam, dry chemical or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full face piece operated in a pressure positive mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

None known.

6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Do not walk through any spills without wearing proper safety attire.

High risk of slipping due to leakage/spillage of product. Small spills: Mop up, wipe up or soak up immediately. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Or soak up with inert material and shovel into poly drums for disposal. Do not let product enter drains.

Discharge into the environment must be avoided.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not handle until all safety precautions have been read and understood. Protect from freezing. Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Wear personal protection as required per safety program. Follow all SDS/label precautions even after container is emptied.

OTHER PRECAUTIONS:

**For industrial use only. Keep away from children. Keep containers closed while not in use.
Personnel should be thoroughly trained in safety**

8. EXPOSURE CONTROL/PERSONAL PROTECTION:

	OSHA PEL		ACGIH TLV	
Chemical Name	TWA	STEL	TWA	STEL
PHOSPHORIC ACID	1mg/M3	300ppm	1mg/m3	3 mg/M3
HYDROXYACETIC ACID	25mg/m3	- -	25mg/m3	- -

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.

VENTILATION: Local exhaust sufficient to keep exposure below TLV.

WORK/HYGENIC PRACTICES: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

EYE PROTECTION: Use chemical safety goggles and/or full face shield when splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas

PROTECTIVE GLOVES: Rubber or other impervious material with gauntlets. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

OTHER PROTECTIVE EQUIP: Boots, apron, lab coat or coveralls of impervious material, as appropriate to avoid skin contact.

ENGINEERING CONTROLS: Facilities storing or utilizing this material should be equipped with an eye wash facility and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES:

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

a) Appearance: Clear Colorless Liquid	k) Vapor pressure (mm/hg): 4mm
b) Odor: Cherry Odor	l) Vapor density (Air = 1): No data available
d) pH: 0 - 1.0	m) Relative density (Specific Gravity): 1.10
e) Melting point/freezing point: No data available	n) Water solubility: No data available
f) Initial boiling point and boiling range: 220°F	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity: No data available
h) Evaporation rate: No data available	-) Pounds Per Gallon: 9.17
j) Upper/lower flammability or explosive limits: UEL: n/a LEL: n/a	OTHER: No other data is available for this product. . . .

10. STABILITY AND REACTIVITY:

STABLE: Stable under recommended storage conditions.

INCOMPATIBILITY: Strong Basic and Strong Oxidizing Compounds, Common metals.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Contact with incompatible materials.

11. TOXICOLOGICAL INFORMATION: None of the components of this product are listed as carcinogens. No other data available.

12. ECOLOGICAL INFORMATION: Keep out of waterways. No other data available

13. DISPOSAL CONSIDERATIONS: Dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION:

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	3264	Corrosive Liquids, Acidic, Inorganic, n.o.s. (Phosphoric Acid)	8	III

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15. REGULATORY INFORMATION: No data available

16. OTHER INFORMATION:

HMS INFORMATION: HEALTH: 2 FLAMMABILITY: 0 PHYSICAL HAZARD: 0 PROTECTIVE: B

NFPA INFORMATION: TOXICITY: 2 FIRE: 0 REACTIVITY: 0

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