

SAFETY DATA SHEET

Shower Power

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Griffin Bros. Inc.
P.O. Box 7719
Salem, OR 97303

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: 07/12/2001
LAST REVISION: 06/19/2014

2. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: CORROSIVE!

GHS CLASSIFICATION: Corrosive to Metals (Category 1) Skin: (Category 1B) Eyes: (Category 1)

GHS Label elements, including precautionary statements

SIGNAL WORD: Danger

PICTOGRAM:



HAZARD STATEMENT(S):

H290: May be harmful 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

FLAMMABLE PROPERTIES

FLASH POINT: N/A

FLASH POINT METHOD USED: N/A

AUTOIGNITION: N/A

LEL: UEL:

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:

Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid freezing and excess heat. Avoid contact with tin, painted surfaces and zinc. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

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

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

procedures before using this product.

PERSONAL PROTECTIVE EQUIPMENT

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

PROTECTIVE GLOVES: Rubber or other impervious material with gauntlets.

VENTILATION: Local exhaust sufficient to keep exposure below TLV.

WORK / HYGENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

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

EYE PROTECTION: Use chemical safety goggles and/or full face shield where 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.

EXPOSURE GUIDELINES: N/A

OTHER PROTECTIVE EQUIP: Boots, apron, lab coat or coveralls of impervious material, safety shower, eyewash.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE AND ODOR: Clear liquid, Cherry Odor

SOLUBILITY IN WATER: Complete

BOILING POINT: 220 deg F

PH: 0 - 1.0

VAPOR PRESSURE (mm/hg): 4mm

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 1.1

POUNDS PER GALLON: 9.17

MELTING POINT:N/A

OTHER PROPERTIES: N/A

10. STABILITY AND REACTIVITY

STABLE: Stable

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

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION

N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Dilute with large amounts of water and 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 |

GUIDE NUMBER: 154

15. REGULATORY INFORMATION

N/A

16. OTHER INFORMATION

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

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

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