

SAFETY DATA SHEET

BOWL-SAN
EPA# 1839-104-1770

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

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

INFORMATION: (800) 456-4743

EMERGENCY PHONE: CHEMTREC: (800) 424-9300

PRODUCT NAME: Bowl-San

PRODUCT NUMBER: G-173

DATE PREPARED: 06/21/07

LAST REVISION: 06/05/2015

EPA Registered: OR, WA

Uses: Toilet & Urinal Cleaner-Disinfectant

Use Restrictions: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

PURE: LIQUID:

MIXTURE: SOLID:

2. HAZARDOUS IDENTIFICATION:

EMERGENCY OVERVIEW: Corrosive

GHS CLASSIFICATION: Corrosive to Metals (Category 1), Skin Irritation: (Category 1A), Eye Irritation: (Category 1). Acute Toxicity Oral: (Category 4)

GHS Label elements, including precautionary statements

SIGNAL WORD: **Danger** **PICTOGRAM:**

HAZARD STATEMENT(S):

H290: May be Corrosive to metals
H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage
H335: May cause respiratory irritation



PRECAUTIONARY STATEMENT(S):

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
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 position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor/...
P363: Wash contaminated clothing before reuse
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store Locked up.
P501: Dispose of contents/container to Comply with applicable regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Wt. Range %
HYDROCHLORIC ACID	7647-01-0	20 – 25%
ETHOXYLATED NONYLPHENOL, 4-, BRANCHED	68412-54-4	1 – 3%
WATER	7732-18-5	70 – 80%
Balance of formula contains non-regulated, and/or proprietary, ingredients	--	--

4. FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Hold eyelids open while flushing the eyes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

INHALATION: Remove to fresh air. Respiratory problems: consult a doctor/medical service.

INGESTION: If swallowed, do NOT induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Give victim lots of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Immediately flush skin with water for at least 15 minutes Wash with soap and water. Change contaminated clothing. Do not remove clothing if it sticks to the skin. Get medical attention if irritation develops or persists.

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

Notes to physician: Keep victim under observation. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

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: Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

COMBUSTION PRODUCTS: Fire may produce irritating, corrosive and/or toxic gases

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. Neutralize with soda (sodium carbonate). Neutralized substance: take up in absorbent material. Scoop absorbed substance into closing containers. Keep out of water supply.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not get in eyes, on skin, on clothing. Do not taste or swallow. Wash thoroughly after handling. Do not eat, drink or smoke when using the product. Use caution when combining with water; ALWAYS add acid to water while stirring to prevent release of heat, steam and fumes. DO NOT add water to acid. Follow all SDS/label precautions even after container is emptied because it may retain product residues.

8. EXPOSURE CONTROL/PERSONAL PROTECTION:**EXPOSURE CONTROLS:**

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
HYDROCHLORIC ACID	5.ppm 7mg/M3	n/a	2ppm 2.98mg/M3	n/a
Contains no additional substances with occupational exposure limit values.				

P 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: Green-Blue Liquid	k) Vapor pressure (mm/hg):
b) Odor: Cherry Odor	l) Vapor density (Air = 1):
d) pH: 0 - 1.0	m) Relative density (Specific Gravity): 1.02
e) Melting point/freezing point: No data available	n) Water solubility: 100% Complete
f) Initial boiling point and boiling range: 212°F	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity:
h) Evaporation rate: >1	-) Pounds Per Gallon:
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 normal conditions.

CONDITIONS TO AVOID: On exposure to air: release of corrosive mist. Reacts violently with (some) bases. Reacts exothermically with many compounds. Reacts with (strong) oxidizers: release of (highly) toxic gases/vapours (chlorine). Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

INCOMPATIBILITY: Incompatible with bases. Metals. Oxidizing agents. Acids. Amines. Reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrogen chloride. Chlorine. May decompose upon heating to produce corrosive and/or toxic fumes.

HAZARDOUS POLYMERIZATION: Will Not Occur.

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:** Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable Local, State and Federal regulations.**14. TRANSPORT INFORMATION:** Cases of 12 quarts ship as LTD. QTY.

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

15. REGULATORY INFORMATION: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.**16. OTHER INFORMATION:**

HMS INFORMATION: HEALTH: 2 FLAMMABILITY: 0 PHYSICAL HAZARD: 1 PERSONAL PROTECTION : B

NFPA INFORMATION: TOXICITY: 2 FIRE: 0 REACTIVITY: 1

Griffin Bros., Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information appears to be accurate, Griffin Bros., Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Griffin Bros., Inc.'s control and therefore users are responsible to verify this data under their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.