

SAFETY DATA SHEET

BLU-BLAZES

Emulsion Bowl Cleaner

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

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

INFORMATION PHONE: (800) 456-4743

Uses: Cleaning toilet bowls and urinals.

Restrictions: Do not mix with other chemicals

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

PRODUCT NAME: Blu-Blazes Emulsion Bowl Cleaner
PRODUCT NUMBER: G-172
DATE PREPARED: 12/10/07
LAST REVISION: 03/03/2015

PURE: **LIQUID:**

MIXTURE: **SOLID:**

2. HAZARDOUS IDENTIFICATION:

EMERGENCY OVERVIEW: Corrosive / Toxic

GHS CLASSIFICATION: Corrosive to Metals (Category 1) Skin: (Category 1B) Eyes: (Category 1) Acute Toxicity Oral: (Category 4)
Specific Target Organ Toxicity: (Category 3)

GHS Label elements, including precautionary statements

SIGNAL WORD: Danger **PICTOGRAM(S):**



HAZARD STATEMENT(S):

H290: May be corrosive to metals

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H335: May cause respiratory irritation

PRECAUTIONARY STATEMENT(S):

P102: Keep Out of Reach of Children

P233: Keep container tightly closed

P260: Do not breathe mist, spray, vapors

P262: Do not get in eyes, on skin or on clothing

P264: Wash hands thoroughly after using

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

FIRST AID:

P301+P310 IF SWALLOWED: Rinse Mouth. Do Not induce vomiting. Immediately call a POISON CENTER or doctor/ physician.

P303+P361+P350 IF ON SKIN (or Hair): Remove/ take off immediately all contaminated clothing. Gently wash with plenty of soap and water.

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.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Vapors, liquid and mists are extremely corrosive to the eyes. Contact of the liquid or mists may cause damage the eyes and prolonged contact may cause permanent eye injury which may be followed by blindness.

INHALATION: Dry/sore throat. Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. EXPOSURE TO HIGH CONCENTRATIONS: Respiratory difficulties. Possible laryngeal spasm/oedema. Corrosion of the upper respiratory tract. FOLLOWING SYMPTOMS MAY APPEAR LATER: Risk of pneumonia. Risk of lung oedema.

INJECTION: Burns to the gastric/intestinal mucosa. Blood in vomit. Possible esophageal perforation. Shock.

SKIN CONTACT: Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and discoloration.

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation, pain, coughing, redness of skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS #	Range Wt
HYDROCHLORIC ACID	7647010	35 - 50 %
PHOSPHORIC ACID	7664-38-2	1 - 4 %

4. FIRST AID MEASURES:

EYE CONTACT: Immediately flush eyes with water for at least 20 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: Flush effected area thoroughly with soap and water paying particular attention to skin under nails. Obtain medical attention immediately. Should this be delayed apply a magnesia paste (magnesium oxide/glycerin) or Milk of Magnesia. Alternatively, use 0.13% Zephiran Chloride solution for 30 to 60 minutes, or if unavailable, washing with a 3% solution of aqueous ammonia will be beneficial. As an alternate first aid treatment, 2.5% Calcium Gluconate gel may continuously massaged into burn area until the pail is removed. Change contaminated clothing and wash before re-use. Get medical attention if irritation develops or persists

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

SUPPLEMENTAL HEALTH INFORMATION: No data available

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: None known.

COMBUSTION PRODUCTS: Oxides of Carbon

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; neutralize with soda ash (sodium carbonate) Neutralized substance can be taken up in material absorbent and scooped up and transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid excessive heat and avoid freezing. Follow all MSDS/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:**EXPOSURE GUIDELINES**

Chemical Name	OSHA PEL	OSHA STEL	ACGIH TWA	ACGIH STEL
HYDROCHLORIC ACID	5ppm – 7mg/m3	n/a	2ppm – 2.98mg/m3	n/a
PHOSPHORIC ACID	1mg/m3 (Air)	3mg/m3 (Air)	1mg/m3 (TLV)	3ppm (TLV)

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

9. PHYSICAL AND CHEMICAL PROPERTIES:**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

a) Appearance: Light blue liquid	k) Vapor pressure (mm/hg): 28
b) Odor: Acrid odor	l) Vapor density (Air = 1): 1.25
d) pH: < 1	m) Relative density (Specific Gravity): 1.14
e) Melting point/freezing point: No data available	n) Water solubility: Complete
f) Initial boiling point and boiling range: 225°F	p) Auto-ignition temperature: n/a
g) Flash point: n/a Method Used: n/a	r) Viscosity: No data available
h) Evaporation rate: 2	-) Pounds Per Gallon: 9.51
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

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

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Hydrogen on contact with certain metals.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION: None of the components of this product are listed as carcinogens. No other data available.**12. ECOLOGICAL INFORMATION:** No data available**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. (Hydrochloric acid)	8	II

GUIDE NUMBER: 154

15. REGULATORY INFORMATION: N/A**16. OTHER INFORMATION:**

HMS INFORMATION: **HEALTH:** 3 **FLAMMABILITY:** 0 **PHYSICAL HAZARD:** 0 **PROTECTIVE:** B
NFPA INFORMATION: **TOXICITY:** 3 **FIRE:** 0 **REACTIVITY:** 0 **SPECIAL:** B

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