

**MATERIAL SAFETY DATA SHEET**

1/27/2009

CARROLL COMPANY  
EMERGENCY TELEPHONES

2900 West Kingsley Road  
Infotrac 24 Hours

Garland, TX 75041  
1-800-535-5053

1-972-278-1304  
1-800-527-5722

**SECTION 1 - PRODUCT**  
NAME: PORCELAIN & BOWL CLEANER  
Product No: 762  
Product Type: Acid Toilet Bowl Cleaner Disinfectant

Health	Flammability	Reactivity	PPE
2	0	1	3
Health Haz	Fire Haz	Reactivity	Personal Protection
0= minimal	0= will not burn	0= none	0= not necessary
1= slightly haz	1= FP>141F	1= mild	1= goggles
2= hazardous	2= FP=>73F=<141F	2= strong	2= goggles, gloves
3= serious haz	3= FP<73F		3= goggles, gloves, protective clothes
4= severe haz	4= BP<95F FP by PMCC		4= goggles, gloves & respirator
* DGIS			

**SECTION 2 - INGREDIENTS**

Hydrochloric Acid	CAS #7647-01-0	Wt%=9.60
TLV (CEILING) 5PPM (based On HCl gas)		
N,N-Dialkyl(C8-10)-N,N-dimethylammonium Chloride	CAS#68424-95-3	Wt%=0.45
N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl-Ammonium chloride	CAS#68424-85-1	Wt%=0.30
Nonyphenol (branched), ethoxylated	CAS#127087-87-0	Wt%=1.00
Water	CAS#7732-18-5	Wt%=88.65

- SECTION 3 - HEALTH HAZARD & FIRST AID**
- Acute health effect: Yes
  - Chronic Health Effect: Yes
  - Carcinogen: NO
  - Primary Entry Routes:
    - Inhalation: Hydrogen Chloride gas and vapor can cause damage of respiratory tract and nasal passages causing burning, choking, coughing, headaches, and irreversible damage to respiratory tract.
    - Skin and Eyes: Liquid and vapor can cause severe irritation and burning of the skin and eyes. Repeated exposure may cause skin damage. Liquid or vapor can cause severe eye irritation and burns including blindness.
    - Ingestion: Causes burns of the mouth, esophagus, and stomach.
  - First Aid:
    - Inhalation: Move person to fresh air. If breathing stops give artificial respiration-get immediate medical attention.
    - Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists get medical attention.
    - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention.
    - Ingestion: Give 3-4 glasses of milk (if unavailable give water). DO NOT induce vomiting-if vomiting occurs, give fluids again and get immediate medical attention.

**SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS(\*)**

1. Physical State	Liquid
2. Color	Green
3. Odor	Mint
4. Solubility in water	Complete
5. Specific Gravity (H2O=1.0)	1.042
6. pH	0.1-0.7
7. Freezing Point	N/A
8. Flash Point	None (will not burn)
9. Vapor Pressure	N/A

- SECTION 5 - FIRE AND EXPLOSION HAZARD**
- Flash Point: None (will not burn)
  - Extinguishing Media: N/A
  - Special Fire Fighting Procedures: N/A
  - Unusual Fire & Explosion Hazard: Fire fighters should observe all precautions that apply to any fire where chemicals are stored. Products of combustion are toxic.

- SECTION 6 - REACTIVITY DATA**
- Stability: Stable
  - Conditions to Avoid: Do not mix with oxidizing agents, bleach, strong alkalis or acids.

- SECTION 7 - SPILL OR LEAK PROCEDURES**
- DANGER. CORROSIVE MATERIAL. Floors may become slippery. Toxic and corrosive vapors of hydrogen chloride may be produced. Wear recommended Personal Protection Equipment.
  - If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
  - Acid may be neutralized with baking soda.
  - Abide by Federal, State, and Local regulations.

- SECTION 8 - PERSONAL PROTECTION**
- Use this product in a well ventilated area.
  - Wear goggles.
  - Wear rubber gloves.
  - Wear protective clothing.

- SECTION 9 - SPECIAL PRECAUTIONS**
- Store containers tightly closed and in an upright position. Store at temperatures below 140F.
  - Do not destroy or deface the label.

**SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)**  
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:  
None\*

**SECTION 11 - TOXICOLOGICAL INFORMATION**  
Based on available animal toxicity data for similar products, this product will cause severe skin or eye damage and/or burns upon direct or prolonged contact or inhalation.

**SECTION 12 - ECOLOGICAL INFORMATION**  
None

- SECTION 13 - DISPOSAL CONSIDERATIONS**
- See Section 7 above.

- SECTION 14 - DOT TRANSPORT INFORMATION\***
- This product is in Package Group II.
  - Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
  - Gallons and larger ARE regulated.
  - The Bill of Lading Proper Shipping Name: UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (contains Hydrochloric Acid), 8, II

**SECTION 15 - OTHER REGULATORY INFORMATION**  
All ingredients appear on the TSCA Inventory List.

- SECTION 16 - OTHER INFORMATION**
- \*Revision on 1/15/2009 to Section 4 and 14.
- N/A = Not Applicable
  - \*Dangerous Goods Identification System (DGIS)
  - PMCC = Pensky Martin Closed Cup
  - Manufacturer believes that the information given here is accurate. The suggested procedures are based on experience and common sense and are not necessarily all-inclusive of every conceivable circumstance.