

# MATERIAL SAFETY DATA SHEET

Date Prepared: April 9, 2002  
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## GENERAL INFORMATION

### Product

MINTY BOWL Q / B

### Manufacturer

Superco Specialty Products  
25041 Anza Drive  
Valencal, CA. 91355  
Phone 661-775-8877  
Fax 661-775-8883

### NFPA RATING

0 = Non-Hazardous  
1 = Slight Hazard  
2 = Hazardous  
3 = Extreme Hazard  
4 = Deadly



### Product Number

3015 / 5081

### Chemical Family

Acidic Cleaner / Descaler

### DOT Classification

Corrosive Liquid, Acidic, Inorganic,  
NOS, 8, UN3264,PGIII  
(Contains Hydrochloric & Phosphoric Acid)

## SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	% By Vol.	Exposure Limits in Air ACGIH (TLV) OSHA (PEL)	
Hydrochloric Acid	7647-01-0	25.00%	2 PPM	2 PPM
Phosphoric Acid	7664-38-2	7.00%	2 PPM	2 PPM

## SECTION 3 - HEALTH HAZARD DATA

### Effects of Overexposure

- Skin:** When the concentrated form of this product comes in contact with the skin it may cause severe irritation. Prolonged contact over a large area of the body may be fatal. Effects may be delayed.
- Eyes:** When this product comes in contact with the eyes or eyelids it may cause severe irritation and/or damage to the eyes and immediate areas.
- Ingestion:** When concentrated solutions of this product are swallowed discomfort of the stomach and intestinal tract may occur. Ingesting large quantities may be fatal.
- Inhalation:** Fumes from this product are extremely corrosive to the nose, throat, and mucous membrane.

### First Aid Procedures

- Skin:** If skin comes in contact with product: Flush exposed area with cool water for 15 minutes. Consult a physician immediately.
- Eyes:** If this product comes in contact with the eyes, flush with luke warm water for 30 minutes and consult a physician immediately.
- Inhalation:** **DO NOT INDUCE VOMITING.** Have patient drink large amounts of milk or plain water. Consult a physician immediately.
- Ingestion:** Remove to clean atmosphere and consult physician immediately.

### Carcinogens

The hazardous ingredients contained in this product are NOT listed on the following regulatory lists of suspected carcinogens: Federal OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), State of California - OSHA

## SECTION 4 - SPILL, LEAK, AND DISPOSAL PROCEDURES

### Spill and Leak Control

- Small Spill / Leaks:** Flush area with water to an industrial sewer line.
- Large Spill / Leaks:** Contain spill with dikes of absorbent materials such as clay, sand, or vermiculate. This material is considered hazardous and must be disposed of properly.

### Waste Disposal

All hazardous waste must be solidified and disposed of in an EPA approved class one disposal facility. When disposing of chemicals contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

## SECTION 5 - FIRE AND EXPLOSION HAZARDS

**Flashpoint:** None                      **Testing Method:** Cleveland Closed Cup  
**Flammable Limits in Air:** Non-Flammable  
**Upper Explosion Limits:** 0.0 Percent                      **Lower Explosion Limits:** 0.0 Percent  
**Fire Extinguishing Materials:** Water, Sand, CO<sub>2</sub>, Dry Foam, Halon  
**Special Fire Fighting Materials:** This product will not burn or support combustion.  
**Unusual Fire & Explosion Hazards:** None  
**Hazardous Polymerization:** Under fire conditions hazardous polymerization will not occur.

## SECTION 6 - PHYSICAL DATA

<b>Boiling Point:</b>	212 ° F	<b>Specific Gravity: (Water = 1.00):</b>	1.08
<b>Vapor Pressure:</b>	Not Appl.	<b>Percent Volatiles:</b>	61.0%
<b>Vapor Density:</b>	Not Appl.	<b>Evaporation Rate (Water = 1.00):</b>	1.15
<b>pH (Concentrate):</b>	< 1.00	<b>pH (1% Solution):</b>	1.00

**Solubility in Water:** This product is 100% miscible in water.  
**Appearance and Odor:** Clear green liquid with a minty scent.

## SECTION 7 - PERSONAL PROTECTION INFORMATION

**Respiratory Protection:** None Required  
**Eye Protection:** When handling any chemical product it is recommended that proper protection of the eyes be worn.  
**Protective Gloves:** When handling any chemical product it is recommended that proper protection of the skin and hands be worn.  
**Other Equipment:** None

## SECTION 8 - SPECIAL PRECAUTIONS

- Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and lost time accidents.
- Keep this material away from high heat and observe proper housekeeping procedures.
- DO NOT mix chemicals unless instructed by qualified personnel.

## SECTION 9 - FOOTNOTES

**Sources:**

- 1) Dangerous Properties of Industrial Materials; Sax , 6th Edition
- 2) Handbook of Toxic and Hazardous Chemicals and Carcinogens; Sittig, 2nd Edition
- 3) Condensed Chemical Dictionary; Hawley, 10th Edition
- 4) TLV's and Biological Exposure Indices for 1985-1986; ACGIH, 2nd Printing
- 5) Director's List of Hazardous Substances; State of California, 1st Printing
- 6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984
- 7) Documentation of TLV's and BEI's; ACGIH, 5th Edition
- 8) Guidelines for the selection of Chemical Protective Clothing; ACGIH, 2nd Printing
- 9) Emergency Response Guidebook; U.S. Department of Transportation, 1984 Edition

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