



ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
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1-877-I-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name VETO
Product Use Germicidal Bowl Cleaner
Product Code 1040
Date of issue 01/25/07 **Supersedes** 07/06/00

This product is a registered pesticide. Number: 1270-204

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP

For Medical Emergency:

INFOTRAC
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency:

CHEMTREC
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Printing date: 01/25/07

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
PHOSPHORIC ACID	7664-38-2	20 - 30	ACGIH / OSHA (United States). TWA: 1 mg/m ³ 8 hour(s). ACGIH TLV (United States). STEL: 3 mg/m ³ 15 minute(s).
HYDROCHLORIC ACID; muriatic acid; hydrogen chloride; HCl	7647-01-0	5 - 15	ACGIH TLV/OSHA PEL (United States). CEIL: 5 ppm 8 hour(s). OSHA PEL (United States). CEIL: 7 mg/m ³ 8 hour(s).

Section 3. Hazards Identification

Acute Effects

Routes of Entry Dermal contact. Eye contact. Inhalation.

Skin Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering. Harmful if absorbed through the skin.

Eyes Causes eye burns. Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed. May cause burns to mouth, throat and stomach.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

HMIS

Health	3
Fire Hazard	0
Reactivity	0
Personal Protection	C

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures**Flash Point**

Not applicable.

Flammable Limits Not applicable.**Flammability**

Non combustible.

Fire Hazard

Not applicable.

Fire-Fighting Procedures

Wear special protective clothing and positive pressure, self-contained breathing apparatus.

**Section 6. Accidental Release Measures****Spill Clean up**

Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage**Handling**

Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Keep container closed. Wash thoroughly after handling. Wash contaminated clothing before reusing. Observe label precautions.

Storage

Keep container tightly closed in a cool, well-ventilated place. Keep containers sealed until ready for use. Store between 40°F - 120°F (4.4°C - 49°C). Keep away from incompatibles. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)****Eyes**

Chemical splash goggles or face shield.

Body

Wear appropriate protective clothing to prevent skin contact.
Recommended: Rubber gloves. Synthetic apron.

Respiratory

Wear appropriate respirator when ventilation is inadequate.

**Section 9. Physical and Chemical Properties****Physical State**

Liquid. (Viscous liquid.)

Color Clear. Red.**pH**

0.0-0.5

Odor Minty. (Strong.)**Boiling Point**

104.44°C (220°F)

Vapor Pressure Not determined.**Specific Gravity**

1.18 (Water = 1)

Vapor Density Not determined.**Solubility**

Easily soluble in cold water, hot water.

Evaporation Rate 1 compared to Water**VOC (Consumer)** 0.0%**Section 10. Stability and Reactivity****Stability and Reactivity**

The product is stable.

Incompatibility

Reactive with oxidizing agents, metals, alkalis, bleach.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

When heated to decomposition it emits toxic fumes.

Section 11. Toxicological Information**Toxicity to Animals****Phosphoric Acid:**

ORAL (LD50): Acute: 4400 mg/kg [Rat.].

DERMAL (LD50): Acute: >3160 mg/kg [Rabbit.].

Hydrochloric Acid:

ORAL (LD50): Acute: 900 mg/kg [Rabbit.].

VAPOR (LC50): Acute: 3124 ppm 1 hour(s) [Rat.].

Section 12. Ecological Information**Ecotoxicity**

Not available.

Biodegradable/OECD

Not available.

Section 13. Disposal Considerations**Waste**

Waste must be disposed of in accordance with federal,
state and local environmental control regulations.

Waste Stream

Code: D002

Classification: - (Hazardous waste.)

Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric Acid)**DOT Classification** DOT Class 8: Corrosive liquid.**UN number** UN3264

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: Hydrochloric Acid (RQ 5,000 lbs); Phosphoric Acid (RQ 5,000 lbs)

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

State Regulations

California prop. 65: No products were found.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.