

# Safety Data Sheet



Superior Solution

Zep, Inc.  
1310 Seaboard Industrial Blvd.  
Atlanta, GA 30318  
1-877-I-BUY-ZEP (428-9937)  
www.zep.com

## Section 1. Chemical Product and Company Identification

**Product name** Veto II  
**Product use** Toilet Deodorizer Disinfectant Cleaner.  
**Product code** 1180  
**Date of issue** 10/11/12 **Supersedes** 07/24/12

This product is a registered pesticide. EPA Registration Number: 10324-158-1270

## Emergency Telephone Numbers

**For MSDS Information:**  
Compliance Services 1-877-I-BUY-ZEP (428-9937)

**For Medical Emergency**  
(877) 541-2016 Toll Free - All Calls Recorded

**For Transportation Emergency**  
CHEMTREC: (800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

**Prepared By**  
Compliance Services  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

1298



ISD #129 MONTEVIDEO MIDDLE SCHOOL  
2001 WILLIAMS AVE  
MONTEVIDEO MN 56265-2200

## Section 2. Hazards Identification

### Emergency overview

**DANGER!**

CAUSES EYE AND SKIN BURNS. HARMFUL IF ABSORBED THROUGH SKIN, SWALLOWED OR INHALED.

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

3 0 0

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

### Acute Effects

#### Routes of Entry

Dermal contact. Eye contact. Inhalation.

#### Eyes

Corrosive to eyes. Causes burns. Direct contact with the eyes can cause irreversible damage, including blindness. Inflammation of the eye is characterized by redness, watering and itching.

#### Skin

Causes skin burns. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

#### Inhalation

Harmful by inhalation. May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system. Exposure can cause coughing, chest pains and difficulty in breathing.

#### Ingestion

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

### Chronic effects

Contains material which may cause damage to the following organs: upper respiratory tract, teeth. Repeated eye exposure may produce chronic inflammation of the eye or corneal damage. Repeated skin exposure can produce local skin destruction or dermatitis. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

### Carcinogenicity

No known significant effects or critical hazards.

### Product/ingredient name

Not available.

**Additional Information:** See Toxicological Information (Section 11)

## Section 3. Composition/Information on Ingredients

### Name of Hazardous Ingredients

hydrochloric acid; hydrogen chloride

### CAS number

7647-01-0

### % by Weight

5 - 15

## Section 4. First Aid Measures

### Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

### Skin Contact

Take off contaminated clothing. Flush affected area immediately with large amounts of water for at least 15 minutes. Call medical attendant, medical doctor, or poison control center.

### Inhalation

Move exposed person to fresh air. Call medical doctor or poison control center immediately. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Call medical attendant, medical doctor, or poison control center.



**Ingestion** Call medical doctor or poison control center immediately. If affected person is conscious, give plenty of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A.)



**Flash Point** Not applicable.

**Flammable Limits** Not available.

**Flammability** Non-combustible.

**Fire hazard** In a fire or if heated, a pressure increase will occur and the container may burst. May emit toxic fumes under fire conditions.

**Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

**Spill Clean up** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. ~~Dispose of via a licensed waste disposal contractor.~~

**Section 7. Handling and Storage**

**Handling** Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from alkalis. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

**Storage** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from alkalis. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection**Product name

hydrochloric acid; hydrogen chloride

Exposure limits**ACGIH TLV (United States, 2/2010).**

C: 2 ppm

**OSHA PEL 1989 (United States, 3/1989).**

CEIL: 5 ppm

CEIL: 7 mg/m<sup>3</sup>**NIOSH REL (United States, 6/2009).**

CEIL: 5 ppm

CEIL: 7 mg/m<sup>3</sup>**OSHA PEL (United States, 6/2010).**

CEIL: 5 ppm

CEIL: 7 mg/m<sup>3</sup>Personal Protective Equipment (PPE)

**Eyes** Splash goggles. or Face shield.

**Body** Neoprene, Nitrile or Rubber gloves.



**Respiratory** A respirator is not needed under normal and intended conditions of product use. Use with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid. [Clear. Slightly Viscous liquid.]

**pH** <1

**Boiling Point** 104.44°C (220°F)

**Specific Gravity** 1.044

**Solubility** Easily soluble in the following materials: cold water and hot water.

**Color** Red.

**Odor** Wintergreen.

**Vapor Pressure** Not available.

**Vapor Density** >1 [Air = 1]

**Evaporation Rate** 1 (Water = 1)

**VOC (Consumer)** 0.016 % (w/w) 0.00136 lbs/gal (0.16 g/l)

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** Reactive or incompatible with the following materials: oxidizing materials, reducing materials, metals and alkalis.

**Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>) May release dangerous gases (chlorine).

**Section 11. Toxicological Information****Acute Toxicity**

hydrochloric acid	LC50 Inhalation Gas.	Rat	1562 ppm	4 hours
	LD50 Dermal	Rabbit	>5010 mg/kg	-
	LD50 Oral	Rat	700 mg/kg	-

**Section 12. Ecological Information****Environmental Effects****Aquatic Ecotoxicity**

Hydrogen chloride	-	Acute LC50 240000 ug/L Marine water	Crustaceans - Green or European shore crab - <i>Carcinus maenas</i> - Adult	48 hours
	-	Acute LC50 282000 ug/L Fresh water	Fish - Western mosquitofish - <i>Gambusia affinis</i> - Adult	96 hours

**Section 13. Disposal Considerations****Waste Information**



Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Code: D002

Classification: Hazardous waste - Corrosivity

Origin: RCRA waste.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	UN1903	Disinfectant, Liquid, Corrosive, n.o.s. (Quaternary ammonium compound., Hydrochloric Acid)	8	II	
IMDG Class	UN1903	Disinfectant, Liquid, Corrosive, n.o.s. (Quaternary ammonium compound., Hydrochloric Acid)	8	II	

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.

PG\* : Packing group

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

SARA 313 toxic chemical notification and release reporting:

Product name

Hydrogen chloride

**Clean Water Act (CWA) 311:** Hydrogen chloride

**Clean Air Act (CAA) 112 regulated toxic substances:** Hydrogen chloride

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

**State Regulations**

**California Prop 65** **WARNING:** This product contains a chemical or chemicals known to the State of California to cause cancer.:  $\alpha$ -chlorotoluene; ethylene oxide; 1,4-dioxane

**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.*

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.