

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Material name : Veto II Disinfectant Toilet Bowl Cleaner

EPA ID Number: 10324-158-1270

Material number : 000000000000118001

**Manufacturer or supplier's details**

Company : Zep, Inc.

Address : 1310 Seaboard Industrial Blvd., NW  
Atlanta, GA 30318

Telephone : 404-352-1680

**Emergency telephone numbers****For SDS Information** : Compliance Services 1-877-428-9937**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded**For a Transportation** : CHEMTREC: 800-424-9300 - All Calls Recorded.**Emergency** In the District of Columbia 202-483-7616**Recommended use of the chemical and restrictions on use**

Recommended use : Bathroom Care Maintenance

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

|            |                |
|------------|----------------|
| Appearance | liquid         |
| Colour     | red            |
| Odour      | characteristic |

**GHS Classification**

Acute toxicity (Oral) : Category 4

Acute toxicity (Dermal) : Category 4

Skin corrosion : Category 1

Serious eye damage : Category 1

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 + H312 Harmful if swallowed or in contact with skin  
H314 Causes severe skin burns and eye damage.Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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

**Response:**

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

**Storage:**

P405 Store locked up.

**Disposal:**

Dispose of contents/container in accordance with local regulation.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

| Chemical name                        | CAS-No.    | Concentration [%] |
|--------------------------------------|------------|-------------------|
| hydrochloric acid                    | 7647-01-0  | >= 5 - < 10       |
| (Z)-Octadec-9-enylamine, ethoxylated | 26635-93-8 | >= 1 - < 5        |

The exact percentages of disclosed substances are withheld as trade secrets.

**SECTION 4. FIRST AID MEASURES**

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.  
Wash off immediately with plenty of water for at least 15 minutes.  
Remove contaminated clothing and shoes.  
Wash contaminated clothing before reuse.

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

- If skin irritation persists, call a physician.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Keep respiratory tract clear.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : Effects are immediate and delayed.  
Effects are dependent on exposure (dose, concentration, contact time).  
Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness.  
Harmful if swallowed or in contact with skin  
Causes severe skin burns and eye damage.  
Review section 2 of SDS to see all potential hazards.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Chlorine compounds  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Cool containers/tanks with water spray.

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. Do not use in areas without adequate ventilation.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Store and keep away from bases and alkalies. Keep away from metals.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components        | CAS-No.   | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis     |
|-------------------|-----------|-------------------------------|--|-----------|
| hydrochloric acid | 7647-01-0 | C                             | 2 ppm  | ACGIH     |
|                   |           | C                             | 5 ppm<br>7 mg/m3                               | NIOSH REL |

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

|  |  |     |                                   |          |
|--|--|-----|-----------------------------------|----------|
|  |  | C   | 5 ppm<br>7 mg/m <sup>3</sup>      | OSHA Z-1 |
|  |  | C   | 5 ppm<br>7 mg/m <sup>3</sup>      | OSHA P0  |
|  |  | PEL | 0.3 ppm<br>0.45 mg/m <sup>3</sup> | CAL PEL  |
|  |  | C   | 2 ppm                             | CAL PEL  |

**Engineering measures** : effective ventilation in all processing areas

**Personal protective equipment**

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection

Material

Remarks

: Protective gloves

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Ensure that eyewash stations and safety showers are close to the workstation location.

Tightly fitting safety goggles

Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection

: Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

: When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance

: liquid

Colour

: red

Odour

: characteristic

Odour Threshold

: No data available

pH

: < 2

Melting point/freezing point

: No data available

Boiling point

: > 100 °C

Flash point

:  
does not flash

Evaporation rate

: No data available

Upper explosion limit

: No data available

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

|  |                           |
|--|---------------------------|
| Lower explosion limit                  | : No data available       |
| Vapour pressure                        | : No data available       |
| Relative vapour density                | : No data available       |
| Density                                | : 1.044 g/cm <sup>3</sup> |
| Bulk density                           | : No data available       |
| Solubility(ies)                        |                           |
| Water solubility                       | : soluble                 |
| Solubility in other solvents           | : No data available       |
| Partition coefficient: n-octanol/water | : No data available       |
| Auto-ignition temperature              | : not determined          |
| Thermal decomposition                  | : No data available       |
| Viscosity                              |                           |
| Viscosity, dynamic                     | : No data available       |
| Viscosity, kinematic                   | : No data available       |

**SECTION 10. STABILITY AND REACTIVITY**

|                                    |   |
|------------------------------------|---|
| Reactivity                         | : Stable  |
| Chemical stability                 | : Stable under normal conditions.                                 |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.             |
| Conditions to avoid                | : Contact with incompatible materials.                            |
| Incompatible materials             | : Oxidizing agents<br>Bases<br>Metals<br>Alkali metals            |
| Hazardous decomposition products   | : Carbon oxides<br>Chlorine<br>Nitrogen oxides (NO <sub>x</sub> ) |

**SECTION 11. TOXICOLOGICAL INFORMATION****Potential Health Effects**

|                              |   |
|------------------------------|---|
| Aggravated Medical Condition | : None known.   |
| Symptoms of Overexposure     | : Effects are immediate and delayed.<br>Effects are dependent on exposure (dose, concentration, |

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

contact time).

Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness.

**Carcinogenicity:****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Acute toxicity****Product:**

Acute oral toxicity : LD50 Oral Rat: > 300 - 2,000 mg/kg

Acute dermal toxicity : LD50 Rat: > 1,000 - 2,000 mg/kg

**Skin corrosion/irritation****Product:**

Remarks: Extremely corrosive and destructive to tissue.

**Serious eye damage/eye irritation****Product:**

Remarks: May cause irreversible eye damage.

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

No data available

**Aspiration toxicity**

No data available

**Further information****Product:**

Remarks: No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to daphnia and other aquatic invertebrates : Remarks: Very toxic to aquatic organisms.

Toxicity to algae : Remarks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Persistence and degradability**

No data available

**Bioaccumulative potential****Product:**

Partition coefficient: n-octanol/water : Remarks: No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life with long lasting effects.



**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

- Waste from residues : Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Provincial Environmental control agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION**

Transportation Regulation: 49 CFR (USA):  
ORM-D, CONSUMER COMMODITY

Transportation Regulation: IMDG (Vessel):  
UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS), 8, II - Limited quantity

Transportation Regulation: IATA (Cargo Air):  
UN1903, Disinfectant, liquid, corrosive, n.o.s., (QUATERNARY AMMONIUM COMPOUNDS), 8, II - Limited quantity

Transportation Regulation: IATA (Passenger Air):  
UN1903, Disinfectant, liquid, corrosive, n.o.s., (QUATERNARY AMMONIUM COMPOUNDS), 8, II - Limited quantity

Transportation Regulation: TDG (Canada):  
UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS), 8, II - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

**SECTION 15. REGULATORY INFORMATION**

This product is regulated under the United States Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

**Pesticide Labeling Information Required Under U.S. FIFRA Regulations**

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**DANGER**

Corrosive - causes irreversible eye damage.

Causes skin burns.

Harmful if swallowed.

Harmful if absorbed through skin.

Harmful if inhaled.

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp.

**TSCA list** : No substances are subject to a Significant New Use Rule.  
No substances are subject to TSCA 12(b) export notification requirements.

**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

| Components        | CAS-No.   | Component RQ<br>(lbs) | Calculated product RQ<br>(lbs) |
|-------------------|-----------|-----------------------|--------------------------------|
| hydrochloric acid | 7647-01-0 | 5000                  | *                              |

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

**TSCA** On TSCA Inventory

**DSL** All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

**Inventory Acronym and Validity Area Legend:**

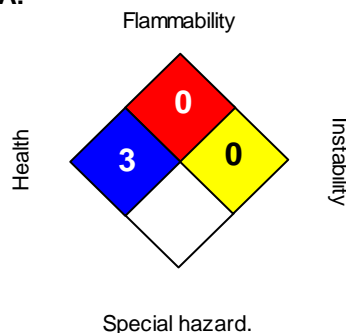
TSCA (USA), DSL (Canada), NDSL (Canada)

**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

**SECTION 16. OTHER INFORMATION**
**Further information**
**NFPA:**

**HMIS III:**

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>3</b> |
| <b>FLAMMABILITY</b>    | <b>0</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

**OSHA - GHS Label Information:**

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

**Danger:**  
Harmful if swallowed or in contact with skin. Causes severe skin burns and eye damage.

**Prevention:** Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Do not get in eyes, on skin, or on clothing.

**Response:** IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local regulation.

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**VETO II DSNFCT TOILET BOWL CL**

Version 3.0

Revision Date 05/15/2017

Print Date 01/11/2018

Zep Inc. markets products under well recognized and established brand names such as Zep®, Zep Commercial®, Zep Professional®, Enforcer®, National Chemical™, Selig™, Misty®, Next Dimension™, Petro®, i-Chem®, TimeMist®, TimeWick™, MicrobeMax®, Country Vet®, Konk®, Original Bike Spirits®, Blue Coral®, Black Magic®, Rain-X®, Niagara National™, FC Forward Chemicals®, Rexodan®, Mykal™, and a number of private labeled brands.