



**VIREX Tb READY-TO-USE DISINFECTANT CLEANER (US)**

| HMIS                          |   | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health                        | 2 | 2    | None / Aucune / Ninguno       |
| Flammability                  | 0 | 0    |                               |
| Physical Hazard / Instability | 0 | 0    |                               |

Version Number: 0

Preparation date: 2012-03-19

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** VIREX Tb READY-TO-USE DISINFECTANT CLEANER (US)

**MSDS #:** MS0300951

**Product Code:** 04743

**Recommended use:** Industrial/Institutional. Disinfectant. This product is intended to be used neat .

**Manufacturer, importer, supplier:**

US Headquarters  
 Diversey, Inc.  
 8310 16th St.  
 Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.diversey.com

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION. Moderately irritating to the eyes.

**Principal routes of exposure:**

Eye contact. Skin contact. Inhalation.

**Eye contact:**

Moderately irritating to the eyes.

**Skin contact:**

May be mildly irritating to skin.

**Inhalation:**

May be irritating to nose, throat, and respiratory tract.

**Ingestion:**

May be irritating to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient(s)  | CAS #      | Weight %   | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|--|------------|------------|-------------------------|----------------------|-----------------------|
| Diethylene glycol butyl ether  | 112-34-5   | 5 - 10%    | 4500                    | 2700 mg/kg           | Not available         |
| n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride | 68391-01-5 | 0.1 - 1.5% | 500                     | Not available        | Not available         |
| n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride            | 68956-79-6 | 0.1 - 1.5% | 500                     | Not available        | Not available         |

**4. FIRST AID MEASURES**

**Eye contact:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. If irritation persists, get medical attention.

**Skin contact:**

Flush immediately with plenty of water. If irritation persists, get medical attention.

**Inhalation:**

If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:**

Immediately drink one cupful of water or milk. Get medical attention.

**Aggravated Medical Conditions:**

Persons with pre-existing skin disorders may be more susceptible to irritating effects

## 5. FIRE-FIGHTING MEASURES

|                                      |  |
|--------------------------------------|--|
| <b>Suitable extinguishing media:</b> | The product is not flammable. Extinguish fire using agent suitable for surrounding fire. |
| <b>Specific hazards:</b>             | Not applicable   |
| <b>Unusual hazards:</b>              | None known   |
| <b>Specific methods:</b>             | No special methods required  |

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:** No information available

## 6. ACCIDENTAL RELEASE MEASURES

|  |  |
|--|--|
| <b>Personal precautions:</b>                           | Not relevant for the product itself.   |
| <b>Environmental precautions and clean-up methods:</b> | Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up. |

## 7. HANDLING AND STORAGE

**Handling:**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

No special ventilation requirements General room ventilation is adequate

**Personal Protective Equipment**

|                                  |   |
|----------------------------------|---|
| <b>Eye protection:</b>           | No special requirements under normal use conditions.                  |
| <b>Hand protection:</b>          | No special requirements under normal use conditions                   |
| <b>Skin and body protection:</b> | No special requirements under normal use conditions                   |
| <b>Respiratory protection:</b>   | No special requirements under normal use conditions                   |
| <b>Hygiene measures:</b>         | Handle in accordance with good industrial hygiene and safety practice |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| <b>Physical State:</b> Liquid  | <b>Bulk density:</b> No information available             |
| <b>Appearance:</b> Liquid Aqueous solution                               | <b>Evaporation Rate:</b> No information available         |
| <b>Specific gravity:</b> 1.012   | <b>Color:</b> Clear Colorless                             |
| <b>Vapor density:</b> No information available                           | <b>Odor:</b> Lemon Citrus                                 |
| <b>Boiling point/range:</b> Not determined                               | <b>Melting point/range:</b> Not determined                |
| <b>Decomposition temperature:</b> Not determined                         | <b>Autoignition temperature:</b> No information available |
| <b>Solubility:</b> Completely Soluble                                    | <b>Density:</b> 8.47 lbs/gal 1.01 Kg/L                    |
| <b>Solubility in other solvents:</b> No information available            | <b>Flash point:</b> > 200 °F > 93.4 °C                    |
| <b>Partition coefficient (n-octanol/water):</b> No information available | <b>Viscosity:</b> No information available                |
| <b>Elemental Phosphorus:</b> 0 % by wt.                                  | <b>VOC:</b> 0 % *   |
| <b>pH:</b> 12.2  | <b>Dilution pH:</b> 12.2 @ RTU                            |
| <b>Explosion limits:</b> - upper: Not determined - lower: Not determined |   |

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Stability:</b>                        | The product is stable                   |
| <b>Polymerization:</b>                   | Hazardous polymerization does not occur |
| <b>Hazardous decomposition products:</b> | Nitrogen oxides (NOx) .                 |
| <b>Materials to avoid:</b>               | Acids. Oxidizing agents.                |

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.  
**Component Information:** See Section 3

**Chronic toxicity:** None known

**Specific effects**

**Carcinogenic effects:** None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** No data available

**13. DISPOSAL CONSIDERATIONS**

Do not contaminate water, food, or feed by storage or disposal

**Waste from residues / unused products:**  
 PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Pesticide Storage:**  
 Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

**Pesticide Disposal:**  
 Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

**Container Disposal:**  
 Do not reuse, wrap empty container and put in trash. Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.  
**RCRA Hazard Class:** Not Regulated.

**14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

**DOT Bill of Lading Description:** DISINFECTANTS

**IMDG Bill of Lading Description:** DISINFECTANTS

**15. REGULATORY INFORMATION**

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: U.S.A. (TSCA)

**U.S. Regulations**

**EPA Reg. No. :** 70627-2  
**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**CERCLA/ SARA**

| Ingredient(s)                 | CAS #    | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-------------------------------|----------|----------|----------------------|-----------------------|-------------|
| Diethylene glycol butyl ether | 112-34-5 | 5 - 10%  |                      |                       | X           |

**SARA 311/312 Hazard Categories**

**Immediate:** x  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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