



**PERCEPT CONCENTRATED GENERAL VIRUCIDE DISINFECTANT CLEANER (CAN)**

HMIS		NFPA	Personal protective equipment
Health	3	3	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 7

Preparation date: 2011-02-14

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** PERCEPT CONCENTRATED GENERAL VIRUCIDE DISINFECTANT CLEANER (CAN)

**MSDS #:** MS0400148  
**Product Code:** 4337151, 4337041  
**Recommended use:** Disinfectant. This product is intended to be diluted prior to use.

**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  
 Canadian Headquarters: Diversey, Inc. - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1  
 Phone: 1-800-668-3131

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

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
 DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. MAY BE MILDLY IRRITATING TO SKIN. HARMFUL OR FATAL IF SWALLOWED.

**Principal routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Corrosive. Causes burns 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
Phosphoric acid	7664-38-2	0 - 10%	1530	=2730 mg/kg	>850 mg/m <sup>3</sup> (1 h)
Hydrogen peroxide	7722-84-1	0 - 10%	801	=2000 mg/kg	=2 mg/L (4 h)

**4. FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.  
**Skin contact:** Immediately flush with plenty of water. Get medical attention.  
**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.  
**Ingestion:** If swallowed, rinse mouth. Give a cupful of water or milk. Do not induce vomiting. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. Never give anything by mouth to an unconscious person.  
**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.  
**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Specific hazards:** Decomposition releases oxygen, which may intensify fire .  
**Unusual hazards:** Oxidizer. Decomposition releases oxygen, which may intensify fire .  
**Specific methods:** 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

**Personal precautions:** Use personal protective equipment  
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Use appropriate containment to avoid environmental contamination. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:**  
 Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Mix only with water . DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS . Can react to release chlorine gas . FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**  
 Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
 Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.  
**Hand protection:** Chemical-resistant gloves  
**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.  
**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m <sup>3</sup> (TWA)	2 ppm (STEL) 3 mg/m <sup>3</sup> (STEL) 1 ppm (TWA) 1.5 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b> Liquid	<b>Bulk density:</b> No information available
<b>Appearance:</b> Aqueous solution	<b>Evaporation Rate:</b> No information available
<b>Specific gravity:</b> 1.069	<b>Color:</b> Clear Colorless
<b>Vapor density:</b> No information available	<b>Odor:</b> Characteristic
<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> 8.92 lbs/gal 1.069 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

**Elemental Phosphorus:** 1.92 % by wt.  
**pH:** 0.7  
**Explosion limits:** - upper: Not determined - lower: Not determined

**VOC:** 0 % \*  
**Dilution pH:** 1.8 @ 1:16

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

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Hazardous decomposition products:** Oxygen.  
**Materials to avoid:** Ammonia. Bases . Reducing agents. Do not mix with chlorinated products.  
**Conditions to avoid:** Do not mix with any other product or chemical . Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Corrosive to eyes. 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

**Waste from residues / unused products:**  
PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. Undiluted product is regulated under environmental and transportation laws as a corrosive waste.  
**RCRA Hazard Class:** D002

## 14. TRANSPORT INFORMATION

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

**DOT Bill of Lading Description:** Disinfectants

**IMDG Bill of Lading Description:** Same as DOT above.

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

### Canada

**WHMIS hazard class:** Non-controlled

**DIN No. :** DIN 02241255

## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*