

MATERIAL SAFETY DATA SHEET



VIREX Tb READY-TO-USE DISINFECTANT CLEANER

HMIS		NFPA		Personal protective equipment
Health	2	2		
Fire Hazard	0	0		
Reactivity	0	0		

Version Number: 2

Preparation date: 2005-09-23

1. PRODUCT AND COMPANY IDENTIFICATION

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

**MSDS #:** 126650002

**Product code:** 04743

**Recommended use:** Industrial/Institutional. Disinfectant.

**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiversevy.com

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

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
 CAUTION. MAY CAUSE EYE IRRITATION.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.

**Skin contact:** Moderately irritating to the skin.

**Eye contact:** Moderately irritating to the eyes.

**Inhalation:** May be irritating to nose, throat, and respiratory tract.

**Ingestion:** May be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS					
Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
N-alkyl dimethyl benzyl ammonium chlorides	68391-01-5	0.1 - 1.5%	Not available	Not available	Not available
N-alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	0.1 - 1.5%	Not available	Not available	Not available
Diethylene glycol butyl ether	112-34-5	5 - 10%	4500 mg/kg (rat)	2700 mg/kg (rabbit)	Not available

4. FIRST AID MEASURES

**Eye contact:** Flush immediately with plenty of water. 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. Never give anything by mouth to an unconscious person. Get medical attention.

**Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Not applicable

**Unusual hazards:** None known

**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:** 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>	Safety glasses with side-shields.
<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>Appearance:</b>	No information available
<b>Color:</b>	Colourless	<b>Boiling point/range:</b>	Not determined
<b>Odor:</b>	Lemon	<b>Melting point/range:</b>	Not determined
<b>Specific gravity:</b>	No information available	<b>pH:</b>	12.2
<b>Dilution pH:</b>	No information available.	<b>Density:</b>	1.016
<b>Bulk density:</b>	No information available	<b>Decomposition temperature:</b>	Not determined
<b>Vapor density:</b>	No information available	<b>Autoignition temperature:</b>	No information available
<b>Evaporation rate:</b>	No information available	<b>Solubility:</b>	No information available
<b>Solubility in other solvents:</b>	No information available	<b>VOC:</b>	0%
<b>Viscosity:</b>	No information available	<b>Flash point:</b>	>200 (°F) >93.3 (°C)
<b>Partition coefficient (n-octanol/water):</b>	No information available		

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD50 estimated to be greater than 5000 mg/kg
<b>Component Information:</b>	See Section 3
<b>Chronic toxicity:</b>	None known
<b>Specific effects</b>	
<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

## 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.

**14. TRANSPORT INFORMATION**

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION**

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP).

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

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRRTK:
N-alkyl dimethyl benzyl ammonium chlorides	68391-01-5	-	-	-	-	-	-
N-alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	-	-	-	-	-	-
Diethylene glycol butyl ether	112-34-5	-	Listed	Listed	-	-	-

CERCLA / SARA

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

SARA 311/312 Hazard Categories

Immediate: Y  
Delayed: N  
Fire: N  
Reactivity: N  
Sudden Release of Pressure: N

Canada

WHMIS hazard class: Not for sale in Canada .

**16. OTHER INFORMATION**

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

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