

# SAFETY DATA SHEET (SDS) VITREX



## SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product identification

**Product name** : Vitrex

### Other means of identification

**Product type** : Liquid

### Relevant identified uses

**Recommended use** : Liquid glass cleaner

**Restrictions on use** : All other uses than those indicated on the product label and technical data sheet.

### Details of the supplier of the safety data sheet

**Supplier / Manufacturer** : Kempro Services  
6068 Metropolitan Est, Suite 100  
St-Léonard, Québec H1S 1A9  
Tel : 1-800-299-0548

**E-mail** : info@kemproservices.com

### Emergency number

**Emergency telephone number (with hours of operation)** : Poison Control Centre : 1-800-463-5060  
CANUTEC : +1-613-996-6666 or \*666 (cellphone)(24/7)

## SECTION 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Not classified.

### GHS Label Elements

**Hazard(s) pictograms** :

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

### Precautionary statements

- **Prevention** : Manipulate with care, avoid splashes.
- **Response** : Not applicable.
- **Storage** : Not applicable.
- **Disposal** : Not applicable.

### Other known hazards

Not additional information available

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Substance/mixture

**Substances** : Mixture

**Other means of identification** : Aqueous solution mainly composed by the following ingredients

### CAS number /other identifiers/ Mixtures

**CAS number** : Not applicable

Ingredient name	% (p/p)	CAS number
Isopropyl Alcohol	1 - 5	67-63-0

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4. FIRST-AID MEASURES

### Description of necessary first aid measures

**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Inhalation** : Maintain an open airway. Get medical attention if symptoms occur.

- Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
- Ingestion** : If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

**Most important symptoms/effects, acute and delayed**

**Potential acute health effects**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

**Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No further relevant information available.

See toxicological information (section 11)

**SECTION 5. FIRE-FIGHTING MEASURES**

**Extinguishing media**

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known

**Specific hazards arising from the chemical**

- Fire hazard** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon dioxide and carbon monoxide

**Special protective equipment and precautions for fire-fighters**

- Special protective actions for fire-fighters** : No special measures required
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : No further relevant information available.

**Methods and materials for containment and cleaning up**

- Methods for containment** : 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.
- Methods for cleaning up** : No special collection methods required. Dispose of in accordance with all national and local regulations.

## SECTION 7. HANDLING AND STORAGE

### Precautions for safe handling

- Protective measures** : Manipulate with care, avoid splashes.
- Advice on general occupational hygiene** : Eating, drinking or smoking is prohibited in areas where this product is handled, stored or processed. People working with this product should wash their hands thoroughly after handling. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : 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. 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.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

No other important information available.

### Individual protection measures

- General protection and hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products before eating, smoking and using lavatory and at the end of the working period.
- Eye/face protection** : Wear eye protection.
- Hands protection** : None under normal conditions of use.
- Skin & body protection** : None under normal conditions of use.
- Respiratory Protection** : None under normal conditions of use.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

### Appearance

- Physical state** : Liquid
- Colour** : Blue
- Odour** : Alcohol
- Odor treshold** : Not available.
- pH** : 9.0-10.0
- Melting point** : Not available.
- Freezing point** : Not available.
- Boiling point** : >100°C
- Flash point** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gaseous):** : Not applicable.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Not available.
- Vapor density** : Not available.
- Relative density (g/ml)** : 0.955-0.975
- Solubility** : Complete in water
- Partition coefficient: noctanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.

**SECTION 10. STABILITY ET REACTIVITY**

**Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

**Chemical Stability**

The product is stable.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**

There is no specific data.

**Incompatible materials**

There is no specific data.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

There is no data available.

**Irritation/Corrosion**

Product/ingredient name	Result	Species	Exposure
Isopropyl Alcohol	Oral		LD50
	Dermal		LD50
	Inhalation		LC50 (4h)
		Rat	5045 mg/kg
		Rabbit	12800mg/kg
		Rat	30 mg/L

**Sensibilization**

There is no data available.

**Mutagenicity**

There is no data available.

**Carcinogenicity**

**Classification**

Product/ingredient name	OSHA	CIRC	NTP	ACGIH	EPA	NIOSH
Isopropyl Alcohol	-	-	-	-	-	-

**Reproductive toxicity**

There is no data available.

**Teratogenicity**

There is no data available.

**Specific target organ toxicity (single exposure)**

There is no data available.

**Specific target organ toxicity (repeated exposure)**

There is no data available.

**Aspiration hazard**

There is no data available.

**Information on the likely routes of exposure** : Dermal contact. Eye contact. Inhalation. Ingestion.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

**Short term exposure**

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

**Long term exposure**

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

**Potential chronic health effects**

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

There is no data available.

**SECTION 12. ÉCOLOGICAL INFORMATION**

**Toxicity**

Product/ingredient name	Result	Species	Exposure
No known significant effects or critical hazards.			

**Persistence and degradability**

There is no data available.

**Bioaccumulative potential**

There is no data available.

**Mobility in soil**

- Soil/water partition coefficient (KOC)** : There is no data available

**Other adverse effects**

No known significant effects or critical hazards.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

- Waste treatment methods** : Dispose of contents must be made according to local, state or national legislation. Do not allow to get into surface water, drains and ground water.

- Container disposal:** : Only empty containers could be recycled.

**SECTION 14. TRANSPORT INFORMATION**

	TDG Classification	IMDG	IATA
<b>UN number</b>		Non-regulated	
<b>UN proper shipping name</b>		Non-regulated	
<b>Transport hazard class(es)</b>		Non-regulated	
<b>Packing group</b>		Non-regulated	
<b>Environmental hazards</b>		Not applicable	
<b>Additional information</b>		Not applicable	

**Special precautions for user**      **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### SECTION 15. REGULATORY INFORMATION

**Canadian List**

**Canadian NPRI** : None of the components are listed.  
**CEPA Toxic substances (Canadian Environmental Protection Act)** : None of the components are listed.  
**Canada inventory** : All components are listed or exempted.

### SECTION 16. OTHER INFORMATION

**History**

**Date of issue** : 01/20/2021  
**Version** : 1  
**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
UN = United Nations  
HPR = Hazardous Products Regulations

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