



## MATERIAL SAFETY DATA SHEET

### XYNOL GLASS CLEANER CONCENTRATE

1. PRODUCT AND COMPANY IDENTIFICATION.	
Product name:	<b>XYNOL GLASS CLEANER CONCENTRATE</b>
MSDS #:	VERT 00052
Product Code:	VCME#0052
Recommended use:	<b>This MSDS is designed for workplace employees &amp; general home application for use of the emergency personnel and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of Safety and Health Administration.</b>
	Product is perfect to be used for Professional sanitizing, cleaning & maintenance for building care.
Manufacturer/Supplier:	VERTEX CONCEPTS FZE. P.O. Box: - 9072, SHARJAH (U.A.E)
Regional Manufacturer :	<u>M/s Green Apple Hygiene Care,</u> Survey No. 278, Industrial Estate, Demni Road, Dadra-396230 (Dadra & Nagar Haveli)

2. HAZARDOUS INFORMATION	
Classification of the substance or mixture	Not classified
<u>GHS label elements</u>	
Hazard statements	While this material is not considered hazardous by the <b>CCCR Chemicals and Containers Regulations, 2001 (SOR/2001-269)</b> , this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
<u>Precautionary statements</u>	Keep away from heat, sparks and open flames and store in a cool, well-ventilated place.
General	Complies with <b>CCCR Chemicals and Containers Regulations, 2001 (SOR/2001-269)</b>
Prevention	Keep out of reach of children
Response	<b>Skin :</b> (or hair): Take off immediately all contaminated clothing. Rinse skin with water. <b>Clothing:</b> Rinse the clothing and skin with plenty of water before removing clothes. <b>Eyes :</b> Rinse cautiously with water for Several minutes. Remove contact lenses, if present and easy to do. <b>Inhalation:</b> Remove person to fresh air and keep comfortable for breathing. <b>Ingestion:</b> Rinse mouth. Do NOT induce vomiting.
Storage	<b>Store in Well ventilated Room. Avoid Direct Sunlight.</b>
Disposal	: Not applicable.

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral Rat mg/kg)	LD50 Dermal -Rabbit
Propan-2-ol	67-63-0	≥5%	470	12900mg/kg
2-aminoethanol	141-43-5	≥5%	1020	1025mg/kg
Tetra Acetic Acid	60-00-4	≥2%	1288	10000mg/kg

### 4. FIRST AID MEASURES

**General information :** *No special measures required.*

**Inhalation :** *Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if some adverse symptoms occur.*

**Eye contact :** *Wash immediately with copious amounts of water. Obtain medical attention if symptoms develop.*

**Ingestion :** *Rinse out mouth and then drink one or two glasses of water (or milk) Do not Induce Vomiting.*

### 5 FIRE FIGHTING MEASURES

**Suitable extinguishing media:** *CO<sub>2</sub> & Carbon Monoxide extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*

**Special Protection:** *Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool*

**Special Protective Equipment:** *Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.*

### 6. ACCIDENTAL RELEASE MEASURES

**Protection of personnel :** *Not required*

**Environmental precautions:** *Dilute with plenty of water.*

**Method of disposal:** *Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations*

### 7. HANDLING AND STORAGE

**Handling:** *Rfr to section # 8 & 9 /Consumer Chemicals and Containers Regulations, 2001 (SOR/2001-269)*

**Information for safe handling:** *Use common rules for working with chemicals.*

**Information about protection against explosions and Fires:** *Ref. Sec. 5 & 6 .*

**Storage in one common storage facility:** *According to local legislation.*

*Further information about storage conditions: (SOR/2001-269).*

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Additional information :** *The lists that were valid during the compilation were used as basis.*

**Personal Protection equipment :**

**General protective and hygienic measures :**

*Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels* **Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.**

*Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing.*

**Skin & Hands:** *For prolonged contact, protection of the skin may be necessary. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times.*

**Breathing equipment:** *Personal protection is normally not required.*

**Eye protection:** *Safety Glasses is recommended while handling undiluted product involving the risk of splashing.*

**Method of disposal:** *Flush it well with water.*

**Dispose of the collected material according to the regulations.**

## 9. PHYSICAL & CHEMICAL PROPERTIES

**General information :**

**Form:** *Liquid*

**Colour:** *Clear Blue*

**Flash point:** *≥ 221°F*

**Odour:** *Perfumed.*

**Change in condition Melting point/Melting range:** *Not determined*

**Boiling point/Boiling range:** *221°F*

**Danger of explosion:** *Product is not explosive.*

**Density at 25°C -** *0.992*

**Solubility in / Miscibility with Water:** *Fully miscible*

**Spontaneous combustion:** *Product is not self-igniting.*

**pH-value (1% sol.):** *8.7 - 10.0*

## 10. STABILITY AND REACTIVITY

**Thermal decomposition / conditions to avoid:** *No decomposition if used according to specifications.*

**Dangerous reactions:** *Reacts with acids.*

**Hazardous decomposition products:** *Under normal conditions of storage and use, hazardous reactions will not occur & No dangerous decomposition products known.*

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

**LD50 (oral) :** *Based on the toxicological classification the LD50 (oral) is estimated to be >2000 mg/kg.*

**Primary irritant effect:**

**Skin contact:** *Unlikely to be an irritant in normal use.*

**Eye contact:** *Causes Redness & Irritation.*

**Inhalation:** *Adverse symptoms may include the Respiratory tract irritation/coughing.*

**Ingestion:** *Causes irritation or may lead to Vomiting.*

**Additional toxicological information:** *CCCR Regulation- Irritant*

## 12. ECOLOGICAL INFORMATION

- *This product never causes any kind of adverse effects to the environment No known significant effects.*

## 13. DISPOSAL CONSIDERATION

**Product:** Xynol Glass Cleaner Concentrate

**Recommendation:** *Generation of waste should be avoided. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Cleaning Chemicals may contain Harmful Substances if disposed off carelessly.*

**Recommended cleaning agent:** *Water, if necessary with cleaning agent.*

## 14. TRANSPORT INFORMATION

**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.*

**Land transport ADR/RID (cross-border) :** *No environmental hazard.*

**Maritime transport IMDG :** *No environmental hazard*

**Air transport ADR/RID Class: - IMDG Class:** *No environmental hazard*

**Transport / Additional Information:** *Non-dangerous according to above regulations.*

## 15. REGULATORY INFORMATION

**Classification according to CCCR guidelines:** **The product has been classified and labeled in accordance with current CCCR Directives.**

**Safety Indications on the label :**

*In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse and dry hands after use. For prolonged contact protection use of impervious gloves is recommended.*

## 16. OTHER INFORMATION

This product is manufactured from readily biodegradable surfactants according to Canadian Standards : Complies with ECOCERT Green life regulations & CCCR Chemicals and Containers Regulations, 2001 (SOR/2001-269):

**Department issuing material safety data sheet:**

**Contact : Mr. G. Sagar (HOD-QUALITY)**

**VERTEX CONCEPTS FZE.**

**P.O. Box: - 9072, SHARJAH (U.A.E)**

**Regional Manufacturer:**

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**Text of risk phrases associated with ingredients listed in section 3 :**

*\*22 Harmful if swallowed \*41 Risk of serious damage to eyes*

*This MSDS summarizes to our best knowledge the health and safety hazard information of the product and general guidance. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract. **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 regulation***