



## MATERIAL SAFETY DATA SHEET

### XYNOL GERMPIC TOILET BOWL CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION.	
Product name:	<b>XYNOL GERMPIC TOILET BOWL CLEANER</b>
MSDS #:	VERT 0048
Product Code:	VCME#0048
Recommended use:	<b>This MSDS is designed for workplace employees, emergency personnel and for other conditions 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 on Normal to Hard Stained Ceramic Surfaces.
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, IndustrialEstate, Demni Road, Dadra-396230 (Dadra & Nagar Haveli)

2. HAZARDOUS INFORMATION	
Classification of the substance or mixture	: Not classified
<u>GHS label elements</u>	
Hazard pictograms	: Not applicable.
Signal word	: No signal word.
Hazard statements	: No known significant effects or critical hazards.
<u>Precautionary statements</u>	
General	: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.

3. COMPOSITION/INFORMATION ON HAZARD INGREDIENTS					
Ingredient(s)	CAS #	Weight %	LD50 Oral – Rat (mg/kg)	LD50 Dermal –Rabbit	LC50 Inhalation Rat
Alcohol Ethoxylates	68585-34-2	≤ 2 %	1280	Not available	Not available
Hydrochloric Acid	7647-01-0	≤ 12 %	1100	Not available	Not available
Sodiumlaurylsulfate	9004-82-4	≤ 2 %	1288	Not available	Not available

#### 4. 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 REACH OF CHILDREN.**

#### 5. FIRE FIGHTING MEASURES

**Flammable properties:** *Not flammable by WHMIS criteria.*  
**Extinguishing media :**  
**Suitable extinguishing media:** *Treat for surrounding material.*  
**Protection of fire fighters :**  
**Specific hazards arising from the chemical:** *Cool containers with flooding quantities of water until Well after fire is out.*  
**Protective equipment for Firefighters :** *Must wear full protective clothing including self Contained breathing apparatus.*  
**Hazardous combustion products:** *May include and are not limited to: Oxides of carbon. Oxides of **nitrogen**. Hydrogen chloride. Chlorine.*  
**Explosion data**  
**Sensitivity to mechanical impact:** *Not available*  
**Sensitivity to static discharge:** *Not available*

#### Potential acute health effects

Eye contact : **Causes Watering & Irritation upon direct contact with eyes.**  
Inhalation : **No known significant effects but direct inhalation must be avoided.**  
Skin contact : **Causes Redness & Irritation upon direct contact with skin.**  
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 a specialist Immediately. If large Quantities have been ingested or inhaled.**  
Personal precautions: **Use of Rubber gloves is recommended.**

Environmental precautions and clean-up methods : **Large spillage : 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 if possible**

#### 6. ACCIDENTAL RELEASE MEASURES

**Protection of personnel :** *Not required*  
**Environmental precautions:** *Dilute with plenty of water.*  
**Method of disposal:** *Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose of the collected material according to the regulation. Safety glasses are recommended while handling the undiluted product that involves a risk of splashing.*

#### 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 :** *No special measures required.*  
**Storage :** *Requirements for storage rooms and containers : According to local legislation.*  
**Storage in one common storage facility :** *General room ventilation is adequate*  
Personal Protective Equipment  
Eye protection: **Handle carefully with Splash Goggles if possible.**  
Hand protection: **Impervious Rubber gloves are recommended.**  
Skin and body protection: **Handle in accordance with good industrial safety practice**  
Respiratory protection: **No special requirements under normal use conditions.**  
Hygiene measures: **Handle in accordance with good industrial hygiene and safety norm.**

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

### Additional information about design of technical systems.

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

**General protective and hygienic measures:** *Wash hands during breaks or before meals.*

*Keep away from foodstuffs, beverages and food. Take off immediately all contaminated clothing. Avoid contact with the eyes and skin. Rinse and dry hands after use.*

**Skin & Hands:** *Impervious Rubber gloves are recommended.*

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

**Eye protection:** *Safety Glasses is recommended to handle undiluted product involving the risk of splash.*

**Method of disposal:** *Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).*

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: <b>Liquid</b>	<b>Bulk density:</b> 1.20 No information available
Appearance: <b>Liquid Aqueous solution</b>	<b>Evaporation Rate:</b> Non Volatile
Specific gravity: <b>1.020 @ 20°C</b>	<b>Color:</b> Viscous Blue
Vapor density: <b>No information available</b>	<b>Odor:</b> Floral
Boiling point/range: <b>Not determined</b>	<b>Melting point/range:</b> > 128°C
Decomposition temperature: <b>Not determined</b>	<b>Autoignition temperature:</b> No information available
Solubility: <b>Completely Soluble in Water</b>	<b>Density:</b> 1.201 Kg/L
Solubility in other solvents: <b>No information available</b>	<b>Flash point:</b> > 200 °F > 93.4 °C
Partition coefficient (n-octanol/water): <b>No information available</b>	<b>Viscosity:</b> 350-650 mpas
Elemental Phosphorus: <b>0 % by wt.</b>	<b>VOC:</b> 0 % *
pH: 2.3-2.6	<b>Dilution pH:</b> 2.3 @ 1:128
Explosion limits: - upper: <b>Not determined</b> lower: <b>Not determined</b>	

## 10. STABILITY AND REACTIVITY

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

**Dangerous reactions:** *None as the Product is Stable. Keep away from Bleach .*

**Hazardous decomposition products:** *Hazardous decomposition products known.*

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity:

**LD50 (oral) :** *Based on the toxicological classification the LD50 (oral) is estimated to be > 740 mg/kg[Rat].*

**LD50 (oral) :** *Based on the toxicological classification the LD50 (oral) is estimated to be > 610 mg/kg.[Rabbit]*

### Primary irritant effect:

**Skin contact:** *Adverse symptoms may include redness, burning & irritation.*

**Eye contact:** *Adverse symptoms may include Watering, Redness & Irritation.*

**Inhalation:** *Chlorine fumes.*

**Ingestion:** *Adverse symptoms may include Irritation & Vomiting.*

### Additional toxicological information:

*CCCR Regulation- Irritant*

## 12. ECOLOGICAL INFORMATION

- *Conserve Water resources & avoid contamination of water. This product causes adverse effects to the environment due to Hydrochloric Acid presence.*

## 13. DISPOSAL CONSIDERATION

**Product:** XYNOL GERMPIC TOILET BOWL CLEANER

**Recommendation:** *Dispose of observing official regulations.*

**Cleaning Chemicals may contain Harmful Substances if disposed off carelessly.**

**Recommendation:** *Dispose of observing official regulations.*

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

## 14. TRANSPORT INFORMATION

**Land transport ADR/RID (cross-border)**

**Maritime transport IMDG :** Xynol Germpic Toilet Cleaner is a Class 8 Hazardous Liquid. **(It must be labeled with the Hazardous Liquid, Class 8 label if transported Overseas since the Flash Point is over 200°F.**

**Air transport ADR/RID Class: - IMDG Class: -**

**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 phrases:**

*Further indications on the label :*

*26 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 for the skin may be necessary*

## 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:**

**M/s Green Apple Hygiene Care,**

**Survey No. 278, Industrial Estate,**

**Demni Road, Dadra-396230**

**(Dadra & Nagar Haveli)**

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

*\*22 Harmful if swallowed*

*\*41 Risk of serious damage to eyes*

*\*53 May cause long-term adverse effects in the aquatic environment*

*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***