



## MATERIAL SAFETY DATA SHEET

### XYNOL STERILE 270 (MEDICAL GRADE DISINFECTANT CLEANER)

1. PRODUCT AND COMPANY IDENTIFICATION.	
Product name:	<b>XYNOL STERILE 270 (MEDICAL GRADE DISINFECTANT CLEANER)</b>
MSDS #:	VERT 0053
Product Code:	VCME#0053
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, fogging cleaning & maintenance for Hospitals, Operation Theatres, Pathology Labs, Changing Rooms etc.
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 pictograms	: <b>Not applicable</b>
Signal word	: No signal word.
Hazard statements	: No known significant effects or critical hazards.
<u>Precautionary statements</u>	Keep away from heat, sparks and open flames and store in a cool, well-ventilated place.
General :	Complies with current ECOCERT Green life regulation on natural ingredients & ingredients from Natural farming & <b>CCCR Chemicals and Containers Regulations, 2001 (SOR/2001-269)</b>
Prevention:	Keep out of reach of children
	SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. : CLOTHING: Rinse the clothing and skin with plenty of water before removing clothes. Wash contaminated clothing before reuse. : EYES: Rinse cautiously with water for Several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Response:	: INHALED: Remove person to fresh air and keep

	comfortable for breathing. : INGESTED: Rinse mouth. Do NOT induce vomiting.
Storage	: Not applicable.
Disposal	: Not applicable.

### 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral Rat mg/kg)	LD50 Dermal -Rabbit
Alkyl dimethyl benzenammoniumchloride	68424-85-1	≤ 5%	344	2848mg/kg
Ethylenedioxy Dimethanol	3586-55-8	≤ 15%	2000	2000mg/kg
Glutaraldehyde	111-30-8	1- 5%	134	500mg/kg
Non Ionic Surfactants	-	5- 15%	-	-

### 4. FIRST AID MEASURES

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

**Inhalation:** *No special measures required.*

**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)*

### 5 FIRE FIGHTING MEASURES

**Suitable extinguishing media:** *CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.* **Protective equipment:** *No special measures required.*

### 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 not normally required. However, their use is recommended in those cases where handling the undiluted product 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:** *According to local legislation.*

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

### 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.*

**Personal Protection equipment :**

**General protective and hygienic measures :**

*Keep away from foodstuffs, beverages and food.*

*Take off immediately all contaminated clothing. Wash hands during breaks and at the end of work.*

*Avoid contact with the eyes and skin. Rinse and dry hands after use.*

**Skin & Hands:** *For prolonged contact, protection of the skin may be necessary.*

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

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

**Method of disposal:** Flush well with Water.

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

## 9. PHYSICAL & CHEMICAL PROPERTIES

### General information :

**Form:** *Liquid*

**Colour:** *Clear Colourless*

**Flash point:** *Not applicable*

**Odour:** *Odorless*

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

**Boiling point/Boiling range:** *Not determined*

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

**Density at 25°C -** *0.95 - 1.08 g/cm*

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

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

**pH-value (1% sol.) :** *8.0 - 11.0*

## 10. STABILITY AND REACTIVITY

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

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

**Hazardous decomposition products:** *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 irritant in normal use.*

**Eye contact:** *Causes irritation.*

**Inhalation:** *Prolonged exposure can effect respiration.*

**Ingestion:** *Causes irritation.*

### Additional toxicological information:

*CCCR Regulation- Irritant*

## 12. ECOLOGICAL INFORMATION

- *This product should never cause any kind of adverse effects to the environment*

## 13. DISPOSAL CONSIDERATION

**Product:** **XYNOL STERILE 270 (MEDICAL GRADE DISINFECTANT)**

**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:** *No environmental hazard.*

**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.**

**Risk phrases:** *R36 Irritating to eyes*

**Safety phrases:**

*Further 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 for the skin may be necessary*

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

**Maritime transport IMDG :**

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

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

#### 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 \*36 Irritating 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***

