

# Safety Data Sheet

Issue Date: June 2023 (v3)

ISSUED by Eazy-Gleam

## Virogel Hand Sanitiser

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** Virogel Hand Sanitiser  
**Product Code** VGL500, VGL5, VGL20,  
**Company Name** Total Focus Chemicals (A.C.N. 655 918 755)  
**Address** 36 Richland Ave, Coopers Plains, QLD 4108  
**Emergency Tel.** After hours only: 0477 447 999  
**Telephone/Fax Number** Tel: (07) 3274 2593  
**Email** sales@eazygleam.com.au  
**Recommended Use** Instant Hand Santiser  
**Other Information** The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Total Focus Chemicals Pty Ltd does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

### 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous according to criteria of GHS  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
Eye Corrosion: Category 2, Flammable Liquid: Category 2.  
**Signal Word** DANGER  
**Hazard Statements:** Highly flammable liquid & vapour,  
Causes eye irritation



#### Precautionary Statements:

**Prevention:** Avoid contact with eyes  
Keep away from flames and hot surfaces, no smoking.  
**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Get emergency medical advice.  
Keep container tightly closed.  
Take precautionary measures against static discharge  
**Storage:** Store in a well ventilated place, keep cool.  
**Disposal:** Dispose of in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Ethanol	64-17-5	>60%

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with bag-valve-mask device or use mouth-to-mouth resuscitation
<b>Ingestion</b>	Product contains 70% w/w Ethanol. Do NOT induce vomiting. Give water to drink. Seek medical attention.
<b>Skin</b>	This product is intended to be in contact with human skin. If irritation occurs, wash affected area and discontinue use.
<b>Eye</b>	Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.
<b>First Aid Facilities</b>	This Safety Data Sheet should be provided to the attending medical doctor.
<b>Advice to Doctor</b>	Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

<b>Fire Fighting Measures</b>	Combustible Liquid. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
<b>Suitable Extinguishing Media</b>	Foam, Dry chemical, CO <sub>2</sub> , and water fog.
<b>Hazards from Combustion Products</b>	Carbon monoxide may be evolved if incomplete combustion occurs. Hazardous combustion products may include: Oxides of sulphur
<b>Special Protective Equipment for fire fighters</b>	Firefighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire.
<b>Specific Hazards</b>	The vapour is heavier than air, spreads along the ground and distant ignition is possible

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	Eliminate all ignition sources. Contain and adsorb on suitable chemical absorbent material, etc. Shovel up and dispose of at an appropriate licensed waste disposal site in accordance with current applicable laws and regulations and product characteristics at time of disposal. Remove leaking containers to detached area.
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#### **Personal Precautions, protective equipment & emergency procedures:**

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition in the surrounding area. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

#### 7. HANDLING AND STORAGE

<b>Handling and Storage</b>	Product is intended for human use. Combustible liquid. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### National Exposure Standards

Component	CAS Number	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Ethyl Alcohol	64-17-5	380 (200ppm)	1 500 (800ppm)

**Engineering Controls**      Ensure that adequate ventilation is provided.  
Keep containers closed when not in use.

### Personal Protective Equipment

**Eye Protection**      Avoid contact with eyes. Wear chemical splash goggles

**Skin Protection**      Product intended for skin contact, repeat exposure or prolonged use may cause defatting of skin.  
Consider use of gloves when decanting or handling large quantities.

**Respiratory Protection**      Not required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**      Transparent, clear gel

**Solubility in Water**      Completely miscible

**Specific Gravity**      0.8 – 0.9 (25°C)

**pH Value**      5 - 7

**Initial boiling point**      Not available

**Evaporation Rate**      As for Water

**Volatile Component**      Approx 70%

**Vapour Pressure (kPa/20°C)**      0.3

**Vapour Density**      4.35

**Flash Point**      19.5°C (closed cup – AS2106).

**Auto Ignition Temperature**      Not available

**Flammability**      Flammable liquid

## 10. STABILITY AND REACTIVITY

**Chemical Stability**      Stable under the normal conditions of storage and use.

**Conditions to Avoid**      Avoid heat, sparks, open flames and other ignition sources.

**Incompatible Materials**      Strong oxidising agents.

**Hazardous Polymerization**      Thermal decomposition is highly dependent on conditions. May product carbon monoxide or carbon dioxide gas when this material undergoes combustion or thermal or oxidative degradation.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation**      Inhalation of high concentration may lead to headache, dizziness, nausea, vomiting, drowsiness or narcosis

**Ingestion**      Can cause drunkenness or central nervous system effects, including excitation, euphoria, headache, dizziness, drowsiness, blurred vision and fatigue.

**Skin**      Prolonged use may induce eczematoid dermatitis in sensitive individuals.

**Eye**      May cause irritation in contact with the eyes, which can result in redness, stinging and tearing.

**Chronic Effects**      Nil known



## 12. ECOLOGICAL INFORMATION

**Environmental impact:** The components of this product are substances that are classified as 'readily biodegradable' according to Australian and international standards. None of the components of this product are expected to bioaccumulate. At normal use levels and following standard effluent treatment, this product is expected to exhibit low toxicity towards aquatic organisms. However, the undiluted material should be prevented from entering waterways.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal** Dispose of large amounts in accordance with local authority statutory requirements.  
**Container Disposal** Empty containers are recyclable.

## 14. TRANSPORT INFORMATION

**Transport Information** This product is classified as Dangerous according to the ADG.  
**UN number:** 1770  
**Proper Shipping Name:** ETHANOL SOLUTION  
**ADG Class:** 3  
**Packing Group:** II  
**HazChem:** 2[Y]  
**IMO Marine Pollutant** None of the components of this product is considered by IMO to be a Marine Pollutant.

## 15. REGULATORY INFORMATION

**Poisons schedule** Not scheduled  
**AICS (Australia)** To the manufacturer's best knowledge, all components of this product are listed on AICS.

## 16. OTHER INFORMATION

Technical Manager 0477 447 999

...End Of SDS...