



## SAFETY DATA SHEET

### 1. IDENTIFICATION

**Product Identifier**      Antibacterial Virucidal Hand Gel

**Other Means of Identification**      ETHANOL SOLUTION WITH VIRUCIDE

**Recommended Uses and Restrictions on Use**      Hand sanitiser. Do not use on inflamed, broken or sensitive skin.

**Suppliers Details**      **BRACTON CHEMICALS™ - A DIVISION OF  
SOSAFE™ SPECIALTY PRODUCTS**  
50 Chard Rd  
Brookvale, NSW, 2100  
Australia

#### **Emergency Phone Number**

**Bracton Chemicals - +61 2 9938 1800**

**Australian Poisons Information Centre - 13 11 26**

### 2. HAZARDS IDENTIFICATION

#### **Classification of the chemical**

Flammable Liquids - Category

Eye Irritation - Category 2A

#### **GHS Label Elements, including precautionary statements**

For external use only

Do not swallow

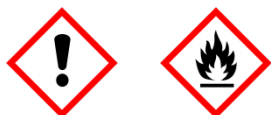
Avoid eyes

Keep out of reach of children

If irritation occurs, wash affected area and discontinue use

Do not use on inflamed, broken or sensitive skin

Store below 30°C



**Signal Word**    **DANGER**

### **Hazard Statement(s)**

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H319 Causes serious eye irritation

H224 Extremely flammable liquid and vapour

### **Precautionary Statement(s) - Prevention**

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P280 Wear eye protection

P210 Keep away from heat/sparks/open flames/ hot surfaces. No smoking

P233 Keep container tightly closed

P243 Take precautionary measures against static discharge

### **Precautionary Statement(s) - Response**

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P305 + P351 + P338 + P337 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. If eye irritation persists: seek medical attention.

P370 + P378 In case of fire: Use powder, foam or carbon dioxide extinguishers for extinction.

### **Precautionary Statement(s) - Storage**

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P403 + P235 Store in a well-ventilated place. Keep cool.

### **Precautionary Statement(s) - Disposal**

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P501 Dispose of contents/container in accordance with the local waste authority requirements.

### **Other hazards that do not result in classification**

Keep out of reach of children

### 3. INFORMATION ON INGREDIENTS

<u>INCI</u>	<u>CAS Number</u>	<u>Concentration</u>
Alcohol	64-17-5	>70%
Aqua	7732-18-5	>10%
Glycerin	56-81-5	>10%
Panthenol	81-13-0	<10%
Proprietary	N/A	<10%

### 4. FIRST AID MEASURES

#### Symptoms and First Aid Measures

<b><i>Inhalation</i></b>	Not applicable with normal use. If fumes or combustion products are inhaled, remove patient from contaminated area and seek medical advice.
<b><i>Skin Contact</i></b>	This product is intended to be in contact with human skin. If irritation occurs, wash affected area and discontinue use.
<b><i>Eye Contact</i></b>	May cause irritation. Rinse with clean water. Seek medical advice. Avoid assembling dispensers at eye level.
<b><i>Ingestion</i></b>	This product contains an equivalent of 70%w/w ethanol. Give plenty of fluids. Seek medical advice.

#### Medical Attention and Special Treatment

Seek medical advice. Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### **Suitable Extinguishing Media**

Powder, foam or carbon dioxide extinguishers are suitable.

### **Physicochemical Hazards**

No significant fire hazard under normal circumstances. Contains ethanol, may be dangerous when exposed to heat. See Section 9 Physical and Chemical Properties.

### **Special Protective Equipment and Precautions for Fire Fighters**

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

All personnel involved in the containment and disposal procedure should wear eye protection. In an event where there are high vapour concentrations, wear an approved organic vapour respirator. No smoking.

### **Environmental Precautions**

Ventilate area well and ensure the atmosphere is safe before personnel return to the work area. Please see below "Methods and Materials for Containment and Clean Up". If contamination of sewers or waterways has occurred advise local emergency services.

### **Methods and Materials for Containment and Cleaning Up**

In the event of a spill, eliminate all sources of ignition and take measures to prevent static discharge. No smoking. Stop and contain the spill by using an inert absorbent material (eg soil, sand). Dispose of the material by an approved method. Prevent run-off into drains and waterways. Use water spray to disperse vapour. Ensure that the surface (floor) is cleaned thoroughly with water as any product residue may leave the floor slippery. Ensure that the area is thoroughly ventilated.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

No special requirements.

### Conditions for Safe Storage and Incompatibilities

This product is intended for human use. Store away from dangerous chemicals, naked lights, ignition sources or heat. Store below 30°C. Store in original containers. Keep out of reach of children. Must comply with any regulations applicable to the transport of flammable goods.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

#### *Exposure Standards*

No special requirements.

#### *Biological Monitoring*

No special requirements.

### Engineering Controls

Store below 30°C and away from sources of ignition, sparks, static charge and flames.

### Personal Protective Equipment

No special requirements.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Soft, clear and colourless gel. May be aerated.

**Odour:** Characteristic of a fresh fragrance and alcohol.

**Odour Threshold:** No data available.

**pH:** Balanced

**Melting Point/Freezing Point (°C):** No data available.

**Boiling Point/Boiling Range (°C):** No data available.

**Flash Point (°C):** 19.5 (AS 2106 Part 2 – closed cup)

**Evaporation rate:** No data available.

**Flammability:** Flammable

**Upper/Lower Flammability or Explosive Limits:** No data available.

**Vapour Pressure:** No data available.

**Vapour Density:** No data available.  
**Relative Density (g/ml):** Approximately 0.88  
**Solubility:** No data available.  
**Partition Coefficient (n-octanol/water):** No data available.  
**Auto-ignition Temperature (°C):** No data available.  
**Decomposition Temperature (°C):** No data available.

## 10. STABILITY AND REACTIVITY

### **Reactivity and Chemical Stability**

Stable under the recommended storage conditions.

### **Possibility of Hazardous Reactions**

This product is highly flammable.

### **Conditions to Avoid**

Dangerous chemicals, naked lights, ignition sources or heat in storage.

### **Incompatible Materials**

Strong oxidisers.

### **Hazardous Decomposition Products**

Burning can produce carbon monoxide and/or carbon dioxide gas.

## 11. TOXICOLOGICAL INFORMATION

### ***Acute Toxicity***

No data available.

### ***Skin Corrosion / Irritation / Sensitisation***

Non-irritant and non-sensitiser.

### ***Serious Eye Damage / Irritation***

May cause eye irritation. Seek medical advice.

### ***Respiratory Sensitisation***

No data available.

### ***Germ Cell Mutagenicity***

No data available.

### ***Carcinogenicity***

No data available.

### ***Reproductive Toxicity***

No data available.

***Specific Target Organ Systemic Toxicity (STOST) – Single Exposure***

No data available.

***Specific Target Organ Systemic Toxicity (STOST) – Repeated Exposure***

No data available.

***Aspiration Hazard***

No data available.

**Routes of Exposure**

***Swallowed***

Accidental swallowing can cause drunkenness or central nervous system effects, including excitation, euphoria, headache, dizziness, drowsiness, blurred vision and fatigue.

***Inhalation***

May cause intoxication with symptoms as described above.

***Skin Contact***

This product is intended for use on human skin. If irritation occurs, was affected area and discontinue use.

***Eye Contact***

May cause irritation. Rinse cautiously with clean water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical attention.

**Early Onset Symptoms Related to Exposure**

No data available.

**Delayed Health Effects from Exposure**

No data available.

**Exposure Levels**

No data available.

**Interactive Effects**

No data available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available.

**Persistence and Degradability**

No data available.

**Bioaccumulative Potential**

No data available.

**Mobility in Soil**

No data available.

**Other Adverse Effects**

No data available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods**

Disposal must be conducted in accordance with the local waste authority requirements. The product must be contained and not disposed into sewerage systems, drains or waterways. Advise on flammable nature.

### 14. TRANSPORT INFORMATION

**UN Number** 1170

**Proper Shipping / Technical Name** ETHANOL SOLUTION

**Transport Hazard Class(es)** Class 3 Flammable Liquid

**Packing Group** II

**Environmental Hazards for Transport Purposes** No data available.

**Special Precautions for User** Store in a well-ventilated place. Keep cool.  
Take precautions as outlined in Section 2.

**Additional Information** Shipment is considered dangerous as per IATA regulation.

**Hazchem / Emergency Action Code** 2[Y]

### 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

All ingredients used in this product are listed on AICS.

### 16. OTHER INFORMATION

### Legend of Abbreviations and Acronyms Used:

Abbreviation / Acronym	Definition
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
%w/w	Percentage weight by weight
<	Less than
>	Greater than
°C	degree Celsius
g/ml	grams per millilitre
UN	United Nations
N/A	Not applicable.

**-- END OF SDS --**

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.