

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 Industries NSW Pty Ltd
50-54 Chard Rd
Brookvale, NSW, 2100
Australia

Emergency Phone Number

Bracton Industries - (02) 99381800

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

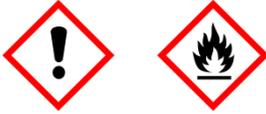
Avoid eyes

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)

H319 Causes serious eye irritation

H224 Extremely flammable liquid and vapour

Precautionary Statement(s) - Prevention

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

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

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

Precautionary Statement(s) - Disposal

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

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

Date of issue: 02-03-2020

SDS Version Number: 001

	Superseded Version Number:
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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.

Contact Person/Point: Manager (02) 9938 1800

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SDS History: SDS Creation 10th May 2021 (Replaces version dated March 2020)