

**SAFETY DATA SHEET**  
**INTEGRITY HEALTH & SAFETY GERM BUSTER**  
Antibacterial Hand Sanitising Gel (70% Ethanol)

SDS Number: C0022

Revision Date: 13 December 2022

## 1 PRODUCT & COMPANY IDENTIFICATION

**MANUFACTURER:** Concept Laboratories Pty Ltd  
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**POISONS INFORMATION CENTRE:** 13 11 26 (Australia)

**PRODUCT NAME:** Germ Buster 70% Hand Sanitising Gel  
**PRODUCT CODE:** CPT0221, CPT0222, CPT0223, CPT0224, CPT0225  
**REVISION DATE:** 13 December 2022 – Valid for 5 Years  
**RECOMMENDED USE:** Waterless Antibacterial Hand Sanitiser. For external use only.

## 2 HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:** Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

**HAZARD CATEGORIES:** Eye Irritation: Category 2  
Flammable liquid: Category 3



**GHS SIGNAL WORD: WARNING**

**HAZARD STATEMENTS:**

H226: Flammable liquid and vapor  
H320: Causes eye irritation

**PRECAUTIONARY STATEMENTS:**

**General:**

P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read the label before use.

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep Container Tightly Closed.  
P241: Use explosion-proof [electrical/ventilating/lighting] equipment.  
P242: Use only non-sparking tools.  
P243: Take precautionary measures against static discharge.  
P280: Wear eye protection

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**RESPONSE:**

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P337+P313: IF eye irritation persists: Get medical advice/attention.  
P370+P378: In case of fire: Use alcohol stable foam, carbon dioxide or water to extinguish.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.  
P332+P351: IF SKIN irritation occurs: Rinse cautiously with water for several minutes.

**STORAGE:**

P403+P235+P411: Store in a well - ventilated place. Keep cool. Store at temperatures not exceeding 30°C

**DISPOSAL:**

P501: Dispose of contents/containers to landfill.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENTS:**

Hazardous Components	CAS#	CONC%
Ethanol	64-17-5	70% v/v
<b>EXCIPIENTS</b>		To 100%

### 4 FIRST AID MEASURES

**INHALATION:** Not normally required. If patient overcome, move to fresh air.  
**SKIN CONTACT:** Not normally required, if so, rinse skin or shower with water.  
**EYE CONTACT:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.  
**INGESTION:** DO NOT induce vomiting. For advice, call Poisons Information Centre: 13 11 26.  
**ADDITIONAL INFO:** No aggravated medical conditions known, caused by exposure to this product.

### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry powder, alcohol stable foam, carbon dioxide and water.

**HAZARDOUS  
DECOMPOSITION**

**PRODUCTS:** Toxic and/or irritating fumes, carbon monoxide (CO), aldehydes, ketones, acids and carbon dioxide (CO<sub>2</sub>) May be emitted.  
Wear self-contained breathing apparatus (SCBA) and complete protective clothing.

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**6 ACCIDENTAL RELEASE MEASURES**

**EMERGENCY PROCEDURE:** SAA/SNZHB7  
Dangerous Goods initial emergency response guide 14.

**SPILLS / CLEANUP:** This product is sold in small packages therefore the accidental release is not usually cause for concern.  
Remove any possible ignition sources. Slippery when spilled. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup.  
Stop leak if safe to do so. Contain spill with absorbent material, such as; toweling, sand, Vermiculite or another inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away any remnants with copious amounts of cold water.

**7 HANDLING & STORAGE**

**HANDLING PRECAUTIONS:** Contact Concept Laboratories Pty Ltd sales representative for advice when using this product for any other application other than outlined on the label or technical bulletin.  
Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container.

**STORAGE REQUIREMENTS:** Store in cool, dry, well-ventilated area.  
Do not expose containers to open flame, incompatible materials, excessive heat, or direct sunlight. Keep container tightly sealed.  
Handle with care and avoid spillage on the floor (slippage).

**8 EXPOSURE CONTROL/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Not normally required.  
Use local exhaust for dust and fumes when processing and handling.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE:** Not required under normal circumstances.  
Should a splash risk exist, safety glasses or chemical resistant goggles should be worn to prevent eye contact.

**SKIN:** Not required under normal circumstances.

**RESPIRATORY:** Not required under normal circumstances.

National Exposure Standards- Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Ethanol	64-17-5	1000ppm 1880mg/m <sup>3</sup>	N/A

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**9 PHYSICAL & CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Thick colourless liquid	<b>SPECIFIC GRAVITY:</b>	0.9
<b>ODOR</b>	Ethanol odor	<b>BOILING POINT (°C):</b>	80-100°C
<b>SOLUBILITY:</b>	Moderately soluble in water	<b>VAPOUR PRESSURE</b>	N/A
<b>FREEZING/ MELTING POINT:</b>	N/A	<b>FLASH POINT:</b>	23.5°C (ASDM D6450)
<b>Ph:</b>	6.5-8.0	<b>IGNITION TEMPERATURE:</b>	N/A

**10 STABILITY & REACTIVITY**

<b>CHEMICAL STABILITY:</b>	Product is stable under normal ambient conditions.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, sparks, high temperatures (store below 30°C) and direct sunlight. Protect against physical damage.
<b>MATERIAL TO AVOID:</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION:</b>	Burning can produce carbon dioxide and possible toxic chemicals such as carbon monoxide.
<b>HAZARDOUS REACTIONS:</b>	None known

**11 TOXICOLOGICAL INFORMATION**

**HEALTH EFFECTS**

**ACUTE**

**SWALLOWED:** Considered an unlikely route of entry in commercial/industrial environments.  
May be irritating to gastro-intestinal tract. May cause headache, dizziness or fatigue.  
Ethanol is denatured, which may cause optical nerve damage if ingested.

**EYE:** May irritate or damage the eye.

**SKIN:** None known.

**INHALED:** Moderately irritating to the respiratory tract.

**CHRONIC**

**SWALLOWED:** May cause degenerative changes in the liver and kidneys.

**EYE:** Permanent damage may result.

**SKIN:** No effect known.

**INHALATION:** No effect known.

**TOXICITY DATA:**

**ETHANOL:** LD<sub>50</sub> 7060mg/kg (oral, rat) RTECS KQ6300000

**12 ECOLOGICAL INFORMATION**

**ECO TOXICITY:** N/A

**PERSISTANCE &  
DEGRADABILITY:** N/A

**MOBILITY:** N/A

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### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Refer to State/Territory Land Waste Management Authority. Dispose of material By a licensed waste contractor. Rinse empty containers thoroughly before recycling or Disposing to an authorized landfill. Materials should be recovered for reuse if possible. Suitable for incineration by an approved agent.

### 14 TRANSPORT INFORMATION

**Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods (ADG) Code.**  
**Classified as Dangerous Goods by the criteria of the Sea transport (IMDG) Code.**  
**Classified as Dangerous Goods by the criteria of the Air Transport (IATA) Code.**

**UN NUMBER:** 1993  
**UN PROPER SHIPPING NAME:** FLAMMABLE LIQUID, N.O.S. (Ethanol)  
**CLASS AND SUBSIDIARY RISK:** 3 Flammable Liquid.  
**PACKING GROUP:** III  
**SPECIAL PRECAUTIONS FOR USER:** Not applicable.  
**HAZCHEM CODE:** 3Y

### 15 REGULATORY INFORMATION

**POISONS SCHEDULE (SUSMP):** 5. All ingredients are listed in the Australian Inventory of Chemical Substances (AICS). Product is not intended for medical/therapeutic use.

### 16 OTHER INFORMATION

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 AND USED IN THE WORKPLACE.

Please read all labels carefully before using this product.

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This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals- Code of Practice" (July 2020)