



# SAFETY DATA SHEET

## INSTANT HAND SANITISER

Infosafe No.: 7EFRB  
ISSUED Date : 01/01/2025  
ISSUED by: JASOL AUSTRALIA

CLASSIFIED AS HAZARDOUS

### Section 1 - Identification

**Product Identifier**

INSTANT HAND SANITISER

**Product Code**

SOC06

**Company Name**

HYGIENE SYSTEMS AUSTRALIA

**Address**

1/2 Logistics Street Yatala  
QLD AUSTRALIA

**Telephone/Fax Number**

Tel: 07 3801 8500

**Emergency Phone Number**

0450 697 282

**Recommended use of the chemical and restrictions on use**

Alcohol-based hand sanitiser

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye damage/irritation: Category 2A

Flammable liquids: Category 2

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark, Flame



**Precautionary Statement–Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P264 Wash contaminated skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P280 Wear eye protection/face protection.

**Precautionary Statement–Response**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 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 carbon dioxide, dry chemical, foam, water fog or water mist to extinguish.

**Precautionary Statement–Storage**

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

**Precautionary Statement–Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

## Section 3 - Composition and Information on Ingredients

**Ingredients**

Name	CAS	Proportion
Alcohol	64-17-5	70 %
Aqua	7732-18-5	20-28 %
PEG-75 Lanolin	61790-81-6	<1 %
polyacrylic acid	9003-01-4	<1 %
Triethanolamine	102-71-6	<0.3 %

## Section 4 - First Aid Measures

**Inhalation**

If inhaled, remove affected person from contaminated area and keep at rest in a position comfortable for breathing. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

**Ingestion**

Do NOT induce vomiting. Wash/rinse out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

The product is designed for skin contact. If there is a reaction, remove all affected clothing and wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. If symptoms develop and/or persist seek medical attention.

**Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses, if present and easy to do. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. If eye irritation occurs please advise medical physician.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Product is a mixture of ethanol, Triclosan and emollients. Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, vaporising liquid, water fog or water mist. Alcohol resistant foam is preferred. If not available fine water spray/mist can be used.

### Unsuitable Extinguishing Media

Do not use water jet.

### Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

### Specific hazards arising from the chemical

Highly flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

### Hazchem Code

•2YE

### Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

## Section 6 - Accidental Release Measures

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### Emergency Procedures

Wear appropriate eye protection if risk of exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Avoid eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire-resistant containers. Open containers carefully as they may be under pressure. Keep containers tightly closed. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:

Safe Work, Australia Exposure Standards:

Isopropyl alcohol (CAS:67-63-0)

TWA: 400 ppm

TWA: 983 mg/m<sup>3</sup>

STEL: 500 ppm

STEL: 1230 mg/m<sup>3</sup>

Ethanol (CAS:64-17-5)

TWA: 1000 ppm

TWA: 1880 mg/m<sup>3</sup>

Triethanolamine (CAS:102-71-6)

TWA: 5 mg/m<sup>3</sup> (Sensitisation)

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

#### Biological Monitoring

Name: 2-Propanol (Isopropanol)

Determinant: Acetone in urine

Value: 40 mg/L

Sampling time: End of shift at end of workweek

Source: American Conference of Industrial Hygienists (ACGIH).

#### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

#### Personal Protective Equipment

For normal use as hand sanitiser, no PPE is required.

Avoid contact with eyes. If risk of splashes, eye protection should be used. Avoid breathing the vapour.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	Appearance	Clear, colourless gel with alcoholic odour.
Colour	Colourless	Odour	Alcoholic odour
Boiling Point	approx. 78°C	Solubility in Water	Miscible with water in all proportions
Specific Gravity	0.9	pH	6.0-7.0
Vapour Pressure	59 hPa @ 20°C	Relative Vapour Density (Air=1)	1.59 (Air = 1)
Evaporation Rate	2.53 (n-Butyl acetate = 1)	Flash Point	22 °C Closed cup.
Flammability	Flammable liquid, flash point 22 °C. Vapour/air mixture may be flammable. Ethanol flames may not be readily visible.	Auto-Ignition Temperature	425 °C
Flammable Limits - Lower	3.5% Ethanol	Flammable Limits - Upper	19% Ethanol

## Section 10 - Stability and Reactivity

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### Reactivity

Refer to Section 10: Possibility of hazardous reactions.

### Chemical Stability

Stable under normal conditions of storage and handling.

### Possibility of hazardous reactions

Not available

### Conditions to Avoid

Heat, open flames and other sources of ignition

### Incompatible Materials

Strong oxidising agents.

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: carbon dioxide and carbon monoxide.

### Hazardous Polymerization

Not available

## Section 11 - Toxicological Information

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### Toxicology Information

Toxicity data for material given below.

#### Acute Toxicity - Oral

LD 50 :	Ethanol	7,060 mg/kg oral, rat
LDLo :	Ethanol	1,400 mg/kg oral, human

#### Acute Toxicity - Inhalation

LC 50 :	Ethanol	20,000 ppm/10 hours, rat
LCLo :	Ethanol	21,900 ppm, guinea pig

### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

### Skin

May be irritating to skin. The symptoms may include redness, itching and swelling.

### Eye

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

### Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

### Skin Sensitisation

Not expected to be a skin sensitiser.

### Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

### Carcinogenicity

Not considered to be a carcinogenic hazard.

Isopropyl alcohol is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

### Reproductive Toxicity

Not considered to be toxic to reproduction.

**STOT - Single Exposure**

Not expected to cause toxicity to a specific target organ.

**STOT - Repeated Exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

## Section 12 - Ecological Information

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**Ecotoxicity**

No ecological data available for this material.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent large amounts from entering waterways, drains and sewers.

## Section 13 - Disposal Considerations

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**Disposal Considerations**

Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

## Section 14 - Transport Information

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**Transport Information**

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1: Explosives
  - Division 2.1: Flammable Gases.
- (Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L)
- Division 2.3: Toxic Gases
  - Division 4.2: Spontaneously Combustible Substances
  - Division 5.1: Oxidising substances
  - Division 5.2: Organic Peroxides
  - Class 6: Toxic or Infectious Substances
- (where the flammable liquid is nitromethane)
- Class 7: Radioactive materials unless specifically exempted.

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 3

UN No: 1170

Proper Shipping Name: ETHANOL (ETHYL ALCOHOL)

Packing Group: II

EMS : F-E, S-D

Special Provisions: 144

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 3

UN No: 1170

Proper Shipping Name: ethanol (ethyl alcohol)

Packing Group: II

Packaging Instructions (passenger & cargo): 353

Packaging Instructions (cargo only): 364

Hazard Label: Flammable Liquid

Special Provisions: A3, A58, A180

**UN Number**

1170

**Proper Shipping Name**

ETHANOL (ETHYL ALCOHOL)

**Transport Hazard Class**

3

**Packing Group**

II

**Hazchem Code**

•2YE

**IERG Number**

14

**Special Precautions for User**

Not available

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

## Section 15 - Regulatory Information

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**Regulatory Information**

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poisons Schedule**

Not Scheduled

## Section 16 - Any Other Relevant Information

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**Date of Preparation**

SDS created: Jan 2025

**Literature References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Australian Code for the Transport of Dangerous Goods by Road & Rail (7th edition).

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Safe Work Australia: Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals (8th edition).

**Contact Person/Point**

The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.

24-Hour Emergency Telephone: AUS: 1800 629 953 NZ: Poisons 0800 764 766, Spills 111 FIRE.

## END OF SDS

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