

## Safety Data Sheet

According to GHS (the 7th revised edition)

### Section 1 Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier:

**Product Name:** Hand Sanitizer  
**Synonyms:** Instant Hand Sanitizer  
**CAS No.:** Not available  
**EC No.:** Not available  
**Molecular Formula:** Not available

#### 1.2 Relevant identified uses of the substance and uses advised against:

**Relevant Identified uses:** Refer to instructions in the products  
**Uses advised against:** Refer to instructions in the products

#### 1.3 Details of the supplier of the safety data sheet:

**Applicant Name:** Thankyou Group Pty. Ltd.  
**Application Address:** 4/108-112 Langridge Street,  
Collingwood,  
Victoria, 3066 Australia.  
**Applicant Telephone:** 1300 655 887  
**Applicant Email:** hello@thankyou.co

#### 1.4 Emergency telephone Number:

**Emergency Tel No.:** 1300 655 887

### Section 2 Hazards Identification

#### 2.1 Hazard class and label elements of the product according to GHS (the 7th revised edition):

**GHS Hazard Class**

**Flammable Liquids:** Category 3

#### 2.2 GHS Label Elements:



**Pictogram**

**Signal Word:** Warning  
Product Name: Hand Sanitizer  
Version #: 1.0

Revision date: N/A

## 2.3 Hazard Statements:

**H226** Flammable liquid and vapor

## 2.4 Precautionary Statements

**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

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

## Response

**P303+P361+ P353** IF QN SKIN {or hair}: Take off immediately all contaminated clothing. Rinse skin with water/shower.

## Storage

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

## Disposal

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 3 Composition/information on ingredients

Component	Concentration (volume percent, %)	CAS No.	EC No.
Ethanol	70	64-17-5	200-578-6

**Ingredients List:** Alcohol, Aqua, PEG-40 Hydrogenated Castor Oil, Triethanolamine, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Glycerin, Fragrance.

## Section 4 First aid measures

### 4.1 Description of first aid measures:

**General Advice:** Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

**Skin contact:** Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

**Inhalation:** Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

**Protecting of First-aiders:** Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

## 4.2 Most Important Symptoms and Effects, both Acute and Delayed

Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

## 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

Symptoms may be delayed.

## Section 5 Fire-Fighting measures

### 5.1 Extinguishing media:

**Suitable Extinguishing Media;**

Dry chemical, carbon dioxide or alcohol-resistant foam.

**Unsuitable Extinguishing Media:**

Do not use a solid water stream as it may scatter or spread fire.

### 5.2 Special hazards arising from the substance or mixture

- 1) Will form explosive mixtures with air.
  - 2) Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapor concentration.
  - 3) Vapors may travel to source of ignition and flash back.
  - 4) Liquid and vapor are flammable.
  - 5) Containers may explode when heated.
  - 6) Fire exposed containers may vent contents through pressure relief valves.
  - 7) May expand or decompose explosively when heated or involved in fire.
- 1) As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2) Fight fire from a safe distance, with adequate cover.
- 3) Prevent fire extinguishing water from contaminating surface water or the ground water system

### 5.3 Advice for fire-fighters:

## Section 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

- 1) Avoid breathing vapors and contacting with skin and eye.
- 2) Beware of vapors accumulating to form explosive concentrations.
- 3) Vapors can accumulate in low areas.
- 4) Emergency personnel wear positive pressure self-contained breathing apparatus. Wear protective and anti-static clothing. Wear chemical impermeable gloves.
- 5) Ensure adequate ventilation. Remove all sources of ignition.
- 6) Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 7) Use personal protective equipment. Avoid breathing vapors, mist, gas or dust.

## 6.2 Environmental Precautions:

- 1) Prevent further leakage or spillage if safe to do so.
- 2) Discharge into the environment must be avoided.

## 6.3 Methods and material for Containment and Cleaning up:

- 1) Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bundling.
- 2) Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3) Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## Section 7 Handling and storage

### 7.1 Precautions for handling:

- 1) Avoid inhalation of vapors.
- 2) Use only non-sparking tools.
- 3) To prevent fire caused by electrostatic discharge steam, equipment on all metal parts should be grounded.
- 4) Use explosion proof equipment.
- 5) Handling is performed in a well-ventilated place.
- 6) Wear suitable protective equipment.
- 7) Avoid contact with skin and eyes.
- 8) Keep away from heat/sparks/open flames/ hot surfaces.
- 9) Take precautionary measures against static discharges.

### 7.2 Precautions for Storage

- 1) Keep containers tightly closed.
- 2) Keep containers in a dry, cool and well-ventilated place.
- 3) Keep away from heat/sparks/open flames/ hot surfaces.
- 4) Store away from incompatible materials and foodstuff containers.

## Section 8 Exposure Controls/Personal Protection

### 8.1 Control parameters:

#### Occupational exposure Limit Values

Component	Country/Region	Limit Value-Eight Hours		Limit Value-Short Term	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethanol E4-17-5	USA-OSHA	1000	1900	-	-
	South Korea	1000	1900	-	-
	Ireland	-	-	1000	-
	Germany (AGS)	500	960	1000	1920
	Denmark	1000	1900	2000	3800
	Australia	1000	1880	-	-

### 8.2 Biological Limit Values:

No information available

### 8.3 Monitoring Methods

1) EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

2) GBZ/T 160.1- G BZ/T 160.81- 2004 Determination of toxic substances in workplace air (series standard).

## 8.4 Engineering Controls:

- 1) Ensure adequate ventilation, especially in confined areas.
- 2) Ensure that eyewash stations and safety showers are close to the workstation location.
- 3) Use explosion-proof electrical/ventilating/lighting/equipment.
- 4) Set up emergency exit and necessary risk-elimination area.

## 8.5 Personal Protection Equipment:

<b>Eye Protection</b>	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (U5).
<b>Hand Protection</b>	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
<b>Respiratory protection</b>	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
<b>Skin and body protection</b>	Wear fire/flame resistant/retardant clothing and antistatic boots.

## Section 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Colorless transparent colloidal liquid
<b>Odor Threshold:</b>	No information available
<b>Melting point/Freezing point (°C):</b>	No information
<b>Flash Point (°C) (Closed Cup):</b>	23.1
<b>Flammability:</b>	Not applicable
<b>Vapor Pressure (MPa):</b>	No information available
<b>Relative Density (Water=1):</b>	No information available
<b>n-Octanol/ Water Partition Coefficient:</b>	No information available
<b>Decomposition Temperature (°C):</b>	No information available
<b>Particle characteristics:</b>	Not flammable
<b>Odor:</b>	No information available
<b>pH:</b>	6.0 – 8.0
<b>Initial Boiling Point and Boiling Rang (°C):</b>	No information available
<b>Evaporation Rate:</b>	Not available
<b>Upper/lower explosive limits [(v/v)]:</b>	
Upper limit:	No information available
Lower limit:	No information available
<b>Vapor Density (Air=1):</b>	No information available
<b>Solubility:</b>	No information available
<b>Auto-ignition temperature:</b>	No information available
<b>Kinematic Viscosity (mm<sup>2</sup>/s):</b>	No information available

## Section 10 Stability and reactivity

### 10.1 Reactivity:

Contact with incompatible substances can cause decomposition or other chemical reactions.

### 10.2 Chemical stability:

Stable under proper operation and storage conditions.

### 10.3 Possibility of hazardous reactions:

In contact with oxidants causes severe reactions, and may cause a fire or explosion. In contact with active metals (alkali metals, Na, Ca etc.) causes a reaction and release hydrogen.

### 10.4 Conditions to avoid:

Incompatible materials, heat, flame and spark

### 10.5 Incompatible materials:

Oxidants, alkali metals, alkaline earth metals and aluminum. Alkali, sodium calcium, and other active metal, halogen, metal oxide, nonmetal oxide, acyl halide and metal phosphide.

### 10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

Component	CAS No.	LD50(Oral)	LD50(Dermal)	LD50(Inhalation, 4h)
Ethanol	64-17-5	7060mg/kg(Rat)	No information available	39mg/L(Mouse)

#### Skin corrosion/Irritation:

No information available

#### Serious eye damage/irritation:

No information available.

#### Skin sensitization:

No information available.

#### Respiratory Sensitization

No information available.

#### Germ Cell Mutagenicity

No information available.

#### Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	64-17-5	Ethanol	Category 1	Not Listed
2	7732-18-5	Water	Not Listed	Not Listed

#### Reproductive toxicity:

No information available.

#### Reproductive Toxicity (Additional):

No information available.

#### STOT-Single Exposure:

No information available.

#### STOT-Repeated Exposure:

No information available.

#### Aspiration Hazard:

No information available.

#### Acute Aquatic Toxicity:

Component	CAS No.	Fish	Crustaceans	Algae
Ethanol	64-17-5	LC50: 11000mg/L (96h)(Fish)	EC50: 9950mg/L (48h)	No information available

#### Chronic Aquatic Toxicity:

No information available.

Others:

**Persistence and degradability:**

No information available.

**Bioaccumulative Potential:**

No information available.

**Mobility in Soil:**

No information available.

**Results of PBT and vPvB Assessment:**

Ethanol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII. Water does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

## Section 12 Ecological information

**12.1 Persistence and Degradability:**

No information available.

**12.2 Bioaccumulative Potential:**

No information available.

**12.3 Mobility in Soil:**

No information available.

**12.4 Results of PBT and vPvB Assessment:**

Ethanol does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII. Water does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

## Section 13 Disposal considerations

### 13.1 Waste Chemicals:

Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.

### 13.2 Contaminated Packaging Disposal Recommendations

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. Refer to section 13.1 and 13.2.

## Section 14 Transport information

### 14.1 Transporting Label



**14.2 Marine pollutant**

None

**14.3 UN Number**

1170

**14.4 UN Proper Shipping Name**

ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

**14.5 Transport Hazard Class**

3

**14.6 Transport Subsidiary Hazard Class**

None

**14.7 Packing Group**

III

## Section 15 Regulation information

### 15.1 International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
Ethanol	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓	×

[EINECS] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory.

[DSL] Canadian Domestic Substances List.

[IECSC] China Inventory of Existing Chemical Substances.

[NZIoC] New Zealand Inventory of Chemicals.

[PICCS] Philippines Inventory of Chemicals and Chemical Substances.

[KECI] Existing and Evaluated Chemical Substances.

[AICS] Australia Inventory of Chemical Substances.

[ENCS] Existing and New Chemical Substances.

Note: "✓" Indicates that the substance included in the regulations.

"×" That no data or included in the regulations.

## Section 16 Other information

**Creation Date** 2020/03/16

**Revision Date** N/A

**Reason for Revision** N/A

### Disclaimer:

This Safety Data Sheet (SDS) was prepared according to UN GHS (the 7th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.