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Safety Data Sheet

According to SDS for Chemical Products-Content and Order of Sections (ISO 11014:2009)

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

Product Name: Thankyou Hand Sanitizer, 300mL Dispenser

Details of the supplier of the safety data sheet:

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

Emergency telephone Number: 1300 655 887

Section 2 Hazards Identification

GHS Hazard Class: Flammable Liquids (Category 3)

Pictogram:

Signal Word: **Warning**

Hazard Statements: H226 - Flammable liquid and vapor

Precautionary Statement(s):

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 ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370 + P378 In case of fire: Use water spray/dry powder/sand/water-resistant foam/carbon dioxide to extinguish).

Storage

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

Disposal

P501 Dispose of contents/container to the licensed disposal company.

Explosion Hazards: May cause fire or explosion when exposed to high heat or flame.

* Classification according to GHS (Globally Harmonized System of Classification and Labelling of Chemicals) (8th revised edition)

Section 3 Composition / information on ingredients

Component	Concentration (Wt, %)	CAS No.
Ethanol	**70 ± 2**	64-17-5
Glycerin/Glycerol	**2**	56-81-5
Acrylates/C10-30 alkyl acrylate crosspolymer	**<1**	No data available
Propanol	**<1**	124-68-5

Ingredients List: Alcohol, Aqua, Glycerin, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Aminomethyl Propanol.

Section 4 First aid measures

Skin contact: Rinse with water if you feel unwell. If experiencing skin symptoms, consult a physician.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If experiencing eye symptoms, consult a physician

Ingestion: Induce vomiting. Rinse mouth and give large quantities of water to drink. If feel unwell, consult a physician.

Inhalation: Remove to fresh air and keep comfortable for breathing if you feel unwell. If experiencing respiratory symptoms, consult a physician.

Section 5 Fire-Fighting measures

Types of hazard: May cause fire or explosion when exposed to high heat or flame.

Hazardous combustion products: Carbon oxides and other toxic/irritating fumes.

Fire fighting measures: Move the containers to open ground. Use water spray to reduce the temperature of the fireground and containers until the fire is extinguished. Suitable extinguishing medial: Water spray, dry powder, sand, water-resistant foam, carbon dioxide, etc.

Special information: Use self-contained breathing apparatus and wear protective clothing. Avoid contact with eyes and skin.

Section 6 Accidental release measures

Isolate the hazard area and keep necessary and unprotected personnel from entering.

Removal of ignition sources. Use non-sparking tools and equipment.

Wear self-contained positive pressure breathing apparatus and anti-static clothes.

Soak up the leakage with inert absorbent material and recover into the suitable, closed containers for disposal.

Flush the contaminated area with plenty water. Avoid release to environment.

Section 7 Handling and storage measures

Handling: Keep containers tightly closed when not in use.
Ensure good ventilation/exhaustion at the workplace.
Use explosion-proof electrical/ventilating/lighting equipment and non-sparking tools.
Avoid static discharges.
Keep away from sources of ignition or heat. No smoking.

Storage: Store in a cool, dry place, ventilated area and equipped with adequate fire fight equipments.

Section 8 Exposure controls / personal protection

Occupational exposure Limit Values:

Component	Country/Region	Limit Value - TWA	
		ppm	mg/m^3
Ethanol (CAS: 64-17-5)	USA-OSHA	1000	1900
	USA-ACGIH	1000	-
	USA-NIOSH	-	1900
Glycerol (CAS: 56-81-5)	USA-OSHA	-	15 (5 – resp)
	USA-ACGIH	-	10

Engineering Controls: Use explosion-proof electrical/ventilating/lighting equipment and non-sparking tools. In general, dilution ventilation is satisfactory health hazard control for this substance. However, if the workers experiencing symptoms, a local exhaust system should be considered. Maintain eye wash fountain and quick-drench facilities in work area.

Inhalation Protection: If the exposure level is high and engineering controls are not feasible, a half facepiece or full-face piece air-purifying respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Eye Protection: Use safety goggles or face protections to protect against possible eye exposure.

Skin Protection: Wear protective gloves and anti-static clothing.

Other Protection: No information.

Section 9 Physical and chemical properties

Appearance: Colorless viscous liquid, weak odor, 300ml/bottle.
pH: ≈ 7
Relative density (water = 1): ≈ 0.91
Solubility: Miscible with water.
Flash point: 24°C (Closed Cap).
Flammability: Flammable liquid (Category 3).
Explosive properties: Not classified as explosive substance.
Oxidizing properties: Not classified as oxidizing substance.
Main purpose: Cleansing and disinfecting.
Other properties: No data available.

Section 10 Stability and reactivity

Stability: Stable under ordinary conditions of use and storage.

Incompatibilities: Strong oxidizers, alkali metal.

Conditions to avoid: High heat, flame.

Hazardous polymerization: No data available.

Hazardous decomposition: Exposure to heat and flame may cause fire/explosion and release carbon dioxides and other toxic/irritating fumes.

Section 11 Toxicological information

Acute toxicity:

Component	CAS No.	LD50(Oral)	LD50(Dermal)
Ethanol	64-17-5	>5000 mg/kg(Rat)	>5000 mg/kg(Rabbit)
Glycerol	56-81-5	>5000 mg/kg(Rat)	>2000 mg/kg(Rabbit)
Aminomethyl Propanol	124-68-5	>2000 mg/kg(Rat)	>2000 mg/kg(Rabbit)

Skin corrosion/Irritation: No data available

Eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ Cell Mutagenicity No data available.

Carcinogenicity The substance is not listed in IARC (International Agency for Research on Cancer).

Reproductive toxicity: No data available.

STOT-Single Exposure: No data available.

STOT-Repeated Exposure: No data available.

Aspiration Hazard: May be harmful if the liquid entered the respiratory tract.

Health Hazards: Skin Contact: May cause mild irritation.
Eye Contact: May cause irritation.
Inhalation: May cause respiratory tract irritation. Excessive inhalation may cause headache, fatigue and drowsiness.
Ingestion: May be harmful if swallowed. May cause burning sensation, headache, confusion, dizziness and unconsciousness.

Other toxicity: No data available.

Section 12 Ecological information

Ecological toxicity:

Component	CAS No.	LC50 (Fishes)	LC50 (Daphnia)	NOEC (Other aquatic invertebrates)	EC50 (Algae)
Ethanol	64-17-5	14200 mg/l – 96 h (Pimephales promelas)	5012 mg/l – 48 h (Ceriodaphania dubia)	9.6 mg/l – 9 d (Daphnia magna)	275 mg/l – 72 h (Chlorella vulgaris)

Persistence and Degradability: Ethanol (CAS No. 64-17-5): Readily biodegradable.
Bioaccumulation: No data available.
Mobility in Soil: No data available.
Others: No data available.

Section 13 Disposal considerations

Disposal measures: Offer surplus and non-recyclable contents/containers to a licensed disposal company.

Notes: Local disposal regulations may differ from Chinese regulations. Dispose in accordance with local country of use.

Section 14 Transport information

Regulations	IATA DGR (61st Edition)	IMDG Code (2018 Edition)
UN No.	UN1170	UN1170
Proper Shipping Name	Ethanol Solution	Ethanol Solution
Hazard Class/Division	3	3
Packing Group	III	III
Packing Method	Y344, 355, 366	P001, LP01, IBC03, T2, TP1
Environmental Hazards	Not regulated as environmentally hazardous substances/marine pollutants.	
Notes	No information.	

Section 15 Regulation information

Domestic authority regulations: Regulations on the Safety Administration of Dangerous Chemicals (2011). This substance is listed in General rule for classification and hazard communication of chemicals (GB 13690-2009).

International regulations: Commission Regulation (EC) No. 1907/2006 (REACH) and its amendments.
Commission Regulation (EC) No. 1272/2008 (CLP) and its amendments.
Waste Framework Directive 2008/98/EC and its amendments.
Toxic Substance Control Act (TSCA).

Section 16 Other information

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