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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 300ml
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

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+P3&1+ 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-alders: 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 expansion or decompose explosively when heated or involved in fire.

5.3 Advice for fire-fighters:

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

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 diseased 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 i5 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 ineompatifole 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-5hart Term	
		ppm	mg/m3	ppm	mg/m3
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:

Eye Protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (U5).
Hand Protection	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.
Respiratory protection	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.
Skin and body protection	Wear fire/flame resistant/retardant clothing and antistatic boots.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Colorless transparent colloidal liquid
Odor Threshold:	No information available
Melting point/Freezing point (°C):	No information
Flash Point (°C) (Closed Cup):	23.1
Flammability:	Not applicable
Vapor Pressure (MPa):	No information available
Relative Density (Water=1):	No information available
n-Octanol/ Water Partition Coefficient:	No information available
Decomposition Temperature (°C):	No information available
Particle characteristics:	Not flammable
Odor:	No information available
pH:	6.0 – 8.0
Initial Boiling Point and Boiling Rang (°C):	No information available
Evaporation Rate:	Not available
Upper/lower explosive limits [%(v/v)]:	
Upper limit: No information available	
Lower limit: No information available	
Vapor Density (Air=1):	No information available
Solubility:	No information available
Auto-ignition temperature:	No information available
Kinematic Viscosity (mm2/s):	No information available

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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.

Bioaccumuiative 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 1907/200fi, 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 Bioaccumuiative 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 1907/200fi, 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 Commercia 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

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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.