

Safety Data Sheet - Thankyou Hand Sanitiser

1. Identification of the material and supplier

All product names:

Thankyou Antibacterial Grapefruit Hand Sanitiser 500mL
Thankyou Antibacterial Lemon & Lime Hand Sanitiser 50mL

Supplier details:	Thankyou Group Level 4, 108 – 112 Langridge Street Collingwood P: 1300 655 887
Emergency telephone number:	1300 655 887
Material use(s):	Hand Sanitiser
Date of issue:	December 2017

2. Hazards identification

Hazard class/category: Flammable liquid category 2.

Hazard statements:

H225	Highly flammable liquid and vapour.
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Signal words: DANGER.

Label elements:



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 label before use.

- Prevention:**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P370 + P378	In case of fire: Use dry chemical, CO ₂ , water spray (fog) or foam to extinguish.

- Storage:** No precautionary statements.

- Disposal:**

P370 + P378	In case of fire: Use dry chemical, CO ₂ , water spray (fog) or foam to extinguish.
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3. Composition/information on ingredients

INCI Name:	CAS No.:	%
Ethanol	64-17-5	>60
Ingredients, determined not to be hazardous according to GHS criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.		

4. First-aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin contact: In case of irritation, immediately flush skin with plenty of water and stop use.

Wash clothing before reuse. Get medical attention if irritation continues.

Inhalation: Should not occur if directions for use are followed. If fumes or combustion products are inhaled remove from contaminated area. Obtain medical attention if symptoms occur.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26).

Notes to physician: No specific treatment. Treat symptomatically.

5. Fire-fighting measures

Extinguishing media:

Suitable: Use dry chemical, CO₂, water spray (fog) or foam.

Not suitable: Do not use water jet.

Special hazards: No specific hazard.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Special exposure hazards: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Highly flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous decomposition products: This mixture is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon component will burn. In a large fire, heating may produce toxic fumes. Wear self contained breathing apparatus and complete protective personal equipment. Decomposition products may include the following materials:

- Carbon dioxide
- Carbon monoxide
- Nitrogen oxides
- Halogenated compounds

Hazchem code: 2YE

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for containment and cleaning:

- **For minor spills:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and

place in an appropriate waste disposal container. Use spark-proof tools and explosion proof equipment. Dispose of via a licensed waste disposal contractor.

- **For major spills:** Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage: Do not store above the following temperature: 30°C (86°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits:

Ingredient name:	Exposure limits:
Ethanol	Safe Work Australia (Australia, 8/2005). TWA: 1880 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).

Recommended Monitoring Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Engineering measures: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Hygiene measures: Wash hands, before eating or drinking.

Personal protection:

- **Eyes:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

- **Hands:** Recommended: PVC gloves.
- **Respiratory:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- **Skin:** No special protective clothing is required.

9. Physical and chemical properties

- **Appearance:** Thick smooth clear colourless gel.
- **Odour:** Light and pleasant.
- **Odour threshold:** Not applicable.
- **Colour:** Slightly cloudy to clear, slight yellow to red.
- **pH:** 6.0 to 8.0 @25°C.
- **Melting point/freezing point:** Not applicable.
- **Initial boiling point and boiling range:** Not applicable.
- **Flash point:** 19 degrees C.
- **Evaporation rate:** Not applicable.
- **Flammability:** Not flammable under normal conditions.
- **Upper/lower flammability or explosive limits:** Not applicable.
- **Vapour pressure:** Not applicable.
- **Vapour density:** Not applicable.
- **Specific gravity:** 0.870 to 0.990 g/mL at 20°C.
- **Solubility:** Water soluble.
- **Partition coefficient:** Not applicable.
- **Auto-ignition temperature:** Not applicable.
- **Decomposition temperature:** Not applicable.
- **Viscosity:** Thick gel.

10. Stability and reactivity

Stability: The product is stable under normal ambient conditions of 25°C and 101.3 kPa of pressure.

Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

Materials to avoid: None identified.

Hazardous decomposition products may include the following material(s): None identified.

Hazardous Reactions: No hazardous reactions expected.

11. Toxicological information

Acute toxicity: No Data Available.

Skin corrosion/irritation: No Data Available.

Serious eye damage/irritation: No Data Available.

Respiratory or skin sensitisation: No Data Available.

Germ cell mutagenicity: No Data Available.

Carcinogenicity: No Data Available.

Reproductive toxicity: No Data Available.

Specific Target Organ Toxicity (STOT) – single exposure: No Data Available.

Specific Target Organ Toxicity (STOT) – repeated exposure: No Data Available.

Aspiration hazard: No Data Available.

12. Ecological information

Ecotoxicity data:
Aquatic ecotoxicity*: (historical data)

Ingredient	Result	Species	Exposure
Ethanol	Acute EC50 17.921 mg/L Marine water	Algae - Ulva pertusa	96 hours
	Acute EC50 2000 ug/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 25500 ug/L Marine water	Crustaceans – Artemia franchiscana - Larvae	48 hours
	Acute LC50 42000 ug/L Fresh water	Fish - Oncorhynchus mykiss	4 days
	Chronic NOEC 0.375 ul/L Fresh water	Fish - Gambusia holbrooki - Larvae - 3 days	12 weeks

*Data above is historic data, and no testing on animals is conducted by Thankyou or manufacturers.

Persistence/degradability: There is no known risk of persistence.

Bioaccumulative potential: There is no known risk of potential to bioaccumulate.




Mobility in soil: There is no known data about mobility in soil.

13. Disposal considerations

Methods of disposal: Do not reuse product containers. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil and waterways. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. Transport information

Regulation	UN number	Proper shipping name	Classes	PG*	Label	
ADG	UN1170	ETHANOL SOLUTION	3	II	HAZCHEM CODE: 2YE	
IMDG	UN1170	ETHANOL SOLUTION	3	II	Emergency schedules (EmS): F-E, S-D	
IATA	UN1170	Ethanol solution	3	II	See DG-List.	

15. Regulatory information

There are no additional regulations on any substance within this product that are known.

16. Other information

Prepared by: Regulatory Affairs

Date of previous issue: None available

Change Made: None available

Definitions and abbreviations:

- ADG Code - Australian Transport of Dangerous Goods
- Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
- Approved Criteria for Classifying Hazardous Substances
- List of Designated Hazardous Substances
- National Code of Practice for the Labelling of Workplace Substances
- National Code of Practice for the Preparation of Material Safety Data Sheets
- National Model Regulations for the Control of Scheduled Carcinogenic Substances
- National Model Regulations for the Control of Workplace Hazardous Substances
- Standard for the Uniform Scheduling of Drugs and Poisons

Product Variants

Thankyou Antibacterial Grapefruit Hand Sanitiser 500mL

Thankyou Antibacterial Lemon & Lime Hand Sanitiser 50mL

Disclaimer: *The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.*

Next Review Date: DECEMBER 2021