

### Section 1. IDENTIFICATION

#### Sani It Hand Sanitiser 80% Ethanol Apple Smash

**Description / Use:** Alcohol Based Hand Sanitiser Liquid

**Product Code:** 5-270-00500

**Business Name:** Made by Zexa

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**Issue Date:** 28<sup>th</sup> June 2021

**Review Date:** 28<sup>th</sup> June 2026

Use only according to directions on product spec sheet and label.

**Poisons Information Centre: Australia 13 11 26 NZ: 0800 764 766**

### Section 2. HAZARDS IDENTIFICATION

**HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

**DANGEROUS GOODS** as classified by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

#### Classification of the substance or mixture:

Flammable Liquid

Category 2

Eye Damage/Irritation

Category 2A



**SIGNALWORD:** DANGER

#### Hazard Statements

##### Hazards

H225

Highly flammable liquid and vapour

H319

Causes serious eye irritation

#### Precautionary statements

##### General precautionary statements

P102 Keep out of reach of Children

##### Prevention precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P243 Take precautionary measures against static discharge

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

P264 Wash hands thoroughly after handling.

##### Response precautionary statements

P370+P378 In case of fire: Use foam, water, spray, fog for extinction.

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.

##### Storage precautionary statements

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

##### Disposal precautionary statements

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P501

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

Poisons Schedule (SUSMP): 5

### Section 3. COMPOSITION INFORMATION

#### Ingredients

Chemical Entity	CAS Number	Proportion %/v	Risk Phrases
Ethanol	[64-17-5]	80%	H225, H319
Hydrogen peroxide	[124-43-6]	0.125%	H272 H302+332 H315 H318 H335 H401
Glycerine	[56 81 5]	1.45%	
Water	[7732-18-5]	10-30%	
Ingredients determined to be non-hazardous		balance	

### Section 4. FIRST AID

#### Description of necessary measures according to routes of exposure

<b>Swallowed</b>	Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical attention immediately.
<b>Eye</b>	Immediately flush eyes with plenty of water for 15 minutes, while holding eyelids open. Seek medical attention immediately.
<b>Skin</b>	Remove contaminated clothing and shoes after wetting with water. Wash affected area with soap and plenty of water. Seek medical attention if required. For burns, immerse affected area in cold water to 10-15 minutes. Bandage lightly with a sterile dressing. Seek medical attention if required.
<b>Inhaled</b>	Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
<b>Advice to Doctor</b>	Treat symptomatically based on individual reactions of patient and judgement of doctor.

#### Medical Conditions Aggravated by Exposure

Low to moderate toxicity: Irritant. This product has the potential to cause adverse health effects with chronic overexposure. Chronic ingestion may result in cirrhosis of the liver. Over exposure may cause central nervous system depression.

### Section 5. FIRE FIGHTING MEASURES

**Flammability Conditions** Product is a flammable liquid, Explosive Vapour.

**Extinguishing Media** In case of fire, appropriate extinguishing media include water fog or foam. Use water fog to cool intact containers and nearby storage areas.

**Hazardous Products of Combustion** Flammable liquid Vapours are heavier than air and may travel to an ignition source and flash back. Vapours can spread along the ground and collect in low or confined areas. Vapours form explosive mixtures with air. Toxic gases may be evolved when heated to decomposition, including carbon oxides and hydrocarbons.

**Personal Protective Equipment** Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots and gloves). Clear fire area of all nonemergency personnel. Stay upwind. Keep out of low areas where gases or fumes can accumulate. Do not use direct water stream. Eliminate ignition sources.

**Flash Point**

18 °C

## SAFETY DATA SHEET

<b>Lower Explosion Limit</b>	3.3 %
<b>Upper Explosion Limit</b>	19.0 %
<b>Auto Ignition Temperature</b>	No Data Available
<b>Hazchem Code</b>	3[Y]E

### Section 6. ACCIDENTAL RELEASE MEASURES

#### General Response Procedure

Personnel involved in the clean-up should wear full protective clothing.

Evacuate all unnecessary personnel. Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental

Protection Authority or your local Waste Management. Use clean, non-sparking tools and equipment.

#### Clean-Up Procedures

Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated collect material, transfer to suitable, labelled, dry chemical-waste containers and dispose of promptly as hazardous waste.

### Section 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Do not use this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorised use of this product may result in personal injury or damage to equipment. Store product in original container.

#### Conditions for Safe Storage

Store in a cool, dry, well ventilated area away from direct sunlight, incompatible materials and sources of ignition. Keep container tightly sealed.

### Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**General** No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC), however, the following information on constituents is:

ETHANOL: ES - TWA: 1000ppm (1880mg/m<sup>3</sup>) WES - TWA : 1000 ppm (1880mg/m<sup>3</sup>)

NOTE: The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

<b>Exposure Limits</b>	No Data Available
<b>Biological Limit</b>	No information available on biological limit values for this product.
<b>Engineering Measures</b>	Not required
<b>Personal Protection Equipment</b>	
<b>RESPIRATOR:</b>	Not required with normal use
<b>EYES:</b>	Avoid splashing into eyes during use
<b>HANDS:</b>	Not required
<b>CLOTHING:</b>	Not required
Work Hygienic Practices	No Data Available

### Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear lime green viscous gel	<b>Colour:</b>	Lime Green
<b>Flashpoint (°C):</b>	18°C (ASTM D6450)	<b>Boiling Point (°C):</b>	80-100°C
<b>Flammability Limits (%):</b>	Not flammable	<b>Vapour Pressure:</b>	NA
<b>Water Solubility:</b>	Moderately soluble in water	<b>Specific Gravity:</b>	0.9
<b>Odour:</b>	Sweet Fruit/Alcoholic	<b>pH:</b>	6.0

### Section 10. PHYSICAL AND CHEMICAL PROPERTIES

<b>Chemical Stability</b>	Product is stable under directed conditions of use, storage and temperature. Flammable liquid.
<b>Conditions to Avoid</b>	Avoid excessive heat, direct sunlight, moisture, freezing, static charges and high temperatures.
<b>Materials to Avoid</b>	Incompatible materials include oxidizing agents, acids, alkalis, heat and ignition sources.
<b>Hazardous Decomposition Products</b>	Toxic gases may be evolved when heated to decomposition, including carbon oxides and hydrocarbons.
<b>Hazardous Polymerisation</b>	No Data Available

### Section 11. TOXICOLOGICAL INFORMATION

#### General Information

ETHANOL:

Oral LD<sub>50</sub> Rat : 3450mg/Kg    Inhalation LC<sub>50</sub> Rat : 2000ppm/10 hours

<b>Eye Irritant</b>	Irritating to eyes. Exposure may result in lacrimation, irritation, pain, and redness.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain, diarrhoea, headache, dizziness, and drowsiness with large doses. Liver damage may occur with high level of chronic ingestion.
<b>Inhalation</b>	Harmful if inhaled. Irritating to respiratory system. Inhalation may cause irritation to the respiratory system, nose and throat irritation with coughing and headache. Over exposure may result in nausea, dizziness, and drowsiness.
<b>Skin Irritant</b>	May be irritating to skin. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Toxic effects may result from skin absorption.

**Carcinogen Category 0**

### Section 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Ethanol: If spilled on soil, ethanol will either evaporate or leach into the ground due to the relatively high vapour pressure and low absorption in soil. It will biodegrade, probably to acetic acid and formaldehyde.

**Ethanol** will volatilise from water and biodegrade, and is not expected to bio-concentrate.

It will photodegrade in air with a half-life ranging from hours (polluted air) to days (clean air).

- Fish Toxicity: LC0 (Golden Ide) >1000mg/L/48hrs.
- Invertebrate Toxicity: EC50 (Daphnia Magna) is >1000mg/L/24hrs.

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### Aquatic Toxicity:

- Arthropoda toxicity No effect level (Daphnia) is 10g/L/48hrs.
- Fish Toxicity: TLm (Trout) is 8000mg/L/48hrs.
- Amphibian Toxicity: LDlo (Frog) is 59gm/Kg.

<b>Persistence/Degradability</b>	No information available on persistence/degradability for this product.
<b>Mobility</b>	No information available on mobility for this product.
<b>Environmental Fate</b>	Do NOT let product reach waterways, drains and sewers.
<b>Bioaccumulation Potential</b>	No information available on bioaccumulation for this product.
<b>Environmental Impact</b>	No Data Available

## Section 13. DISPOSAL CONSIDERATIONS

### General Information

Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

### Special Precautions for Land Fill

Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with 'The Hazardous Waste Act'. This material may be suitable for approved landfill.

## Section 14. TRANSPORT INFORMATION

**Road and Rail Transport** Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

<b>UN No:</b>	1993
<b>Transport Hazard Class:</b>	3 FLAMMABLE
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	FLAMMABLE LIQUID N.O.S. (Contains: ETHANOL)
<b>EPG:</b>	14 Liquids – Highly Flammable
<b>Hazchem or Emergency Action Code:</b>	3[Y]E



**Marine Transport** Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

<b>UN No:</b>	1993
<b>Transport Hazard Class:</b>	3 FLAMMABLE
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	FLAMMABLE LIQUID N.O.S. (Contains: ETHANOL)
<b>IMDG EMS Fire:</b>	F-E
<b>IMDG EMS Spill:</b>	S-D
<b>Marine Pollutant:</b>	No



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

<b>UN No:</b>	1993
<b>Transport Hazard Class:</b>	3 FLAMMABLE
<b>Packing Group:</b>	II
<b>Proper Shipping Name or Technical Name:</b>	ETHANOL SOLUTION



## Section 15. REGULATORY INFORMATION

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<b>EPG Guide</b>	14

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**AICS Name** Mixture containing. Ethyl Alcohol

**Classification:**

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

**Classification of the substance or mixture:**

Flammable Liquid - Category 2  
 Eye Damage/Irritation - Category 2A

**Hazard Statement(s):**

H225 Highly Flammable liquid and vapour.

**Health hazards**

H319 Causes serious eye irritation

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier

### Section 16. OTHER INFORMATION

**Literature References** No data available.

**Sources for Data** No data available.

**Legend to Abbreviations and Acronyms**

<	less than	mg	milligram
>	greater than	mg/24H	milligrams per 24 hours
AICS	Australian Inventory of Chemical Substances	mg/kg	milligrams per kilogram
CAS	Chemical Abstracts Service (Registry Number)	mg/m <sup>3</sup>	milligrams per cubic metre
cm <sup>2</sup>	square centimetres	Misc	miscible
CO <sub>2</sub>	Carbon Dioxide	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
COD	Chemical Oxygen Demand	mm	millimetre
deg C (°C)	degrees Celsius	mPa.s	milli Pascal per second
ERMA	Environmental Risk Management Authority	N/A	Not Applicable
G	gram	NOHSC	National Occupational Health and Safety Commission
g/cm <sup>3</sup>	grams per cubic centimetre	OECD	Organization for Economic Co-operation and Development
g/l	grams per litre	PEL	Permissible Exposure Limit
HSNO	Hazardous Substance and New Organism	ppb	parts per billion
IDLH	Immediately Dangerous to Life and Health	ppm	parts per million
Immiscible	liquids are insoluble in each other	ppm/2h	parts per million per 2 hours
Kg	kilogram	ppm/6h	parts per million per 6 hours
kg/m <sup>3</sup>	kilograms per cubic metre	RCP	Reciprocal Calculation Procedure
LC <sub>50</sub>	LC stands for Lethal Concentration. LC <sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.	STEL	Short Term Exposure Limit
LD <sub>50</sub>	LD stands for Lethal Dose. LD <sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.	TLV	Threshold Limit Value
Ltr	Litre	tne	tonne
m <sup>3</sup>	cubic metre	TWA	Time Weighted Average
mbar	millibar	ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight