Section 1. IDENTIFICATION

Sure Shield Surface Cleaner Disinfectant 80% Ethanol RTU

Description / Use: Surface Cleaner as a spray and wipe clean for porous and non-porous surfaces
Product Code: 2-400

Business Name: Made by Zexa Pty Ltd
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Phone: +61 2 4970 7777 Fax: +61 2 9475 4880
Email: sales@zexa.com.au Website: www.zexa.com.au

Issue Date: 11 June 2026 Review Date: 11 June 2031
Use only according to directions on product spec sheet and label.
Poisons Information Centre: Australia 13 11 26 NZ: 0800 764 766

Other Means of Identification: Shipping Name: Ethanol Solution | UN Number: UN1170

This product is manufactured using the World Health Organisation (WHO) recommended formulation with no deviations. It has been made under the Therapeutic Goods (Excluded Goods – Hand Sanitisers) Determination 2020 and is suitable for healthcare and consumer use.

Section 2. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of Safe Work Australia and the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), 7th revised edition.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (UN1170, Class 3, PG II).

GHS Classification:
• Flammable Liquids – Category 2 (H225)
• Serious Eye Damage / Eye Irritation – Category 2 (H319)

Signal Word: DANGER

Hazard Statements:
• H225 – Highly flammable liquid and vapour
• H319 – Causes serious eye irritation

Precautionary Statements – Prevention:
• Wash face, hands and any exposed skin thoroughly after handling
• Wear protective gloves / protective clothing / eye protection / face protection
• Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
• Keep container tightly closed
• Ground / bond container and receiving equipment
• Use only non-sparking tools
• Take precautionary measures against static discharge
• Use explosion-proof electrical / ventilating / lighting equipment

Precautionary Statements – Response:
• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical advice/attention
• IF ON SKIN (or hair): Remove / take off immediately all contaminated clothing. Rinse skin with water / shower
• In case of fire: Use dry chemical, CO_2, water spray or alcohol-resistant foam to extinguish

Precautionary Statements – Storage:
• Store in a well-ventilated place. Keep cool

Precautionary Statements – Disposal:
• Dispose of contents/container to an approved waste disposal plant

Other Hazards which do not result in classification:
May be harmful if inhaled. Causes mild skin irritation. May cause drowsiness or dizziness.

Section 3. COMPOSITION INFORMATION

Chemical Name	CAS Number	Concentration	TWA (mg/m³)
Ethanol	64-17-5	80%	1880 (TWA)
Water	7732-18-5	~18.425%	Not set
Glycerol	56-81-5	1.45%	10
Hydrogen Peroxide	7722-84-1	0.125%	1.4

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

Section 4. FIRST AID MEASURES

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Remove contaminated clothing and launder. Wash affected skin with water. If irritation persists, seek medical attention.

Eye Contact: Hold the eyes open and flush with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention.

Ingestion: Do NOT induce vomiting. Give plenty of water to drink. Clean mouth. Seek medical attention.

First Aid Facilities: Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available.

Advice to Doctor: Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical, Carbon dioxide (CO_2), Water Spray, Alcohol resistant foam.

Specific Hazards: Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous Combustion Products: If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.

Protective Equipment: Fire fighters are to wear self-contained breathing apparatus and full firefighting turnout gear.

Hazchem Code: *2YE

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches, and waterways.

Spills & Disposal: Stop leak if you can do it without risk. Dam up. Soak up with inert absorbent material (sand, earth, vermiculite). Pick up and transfer to properly labelled containers for later disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7. HANDLING AND STORAGE

Handling: Use personal protection equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Handle in accordance with good industrial hygiene and safety practice. Avoid excessive contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product.

Storage: Store in plastic containers in a clean, dry, cool, well-ventilated place away from foodstuffs. Keep containers sealed when not in use. It is recommended that this product be dispensed through approved dispensers.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Chemical Name	Australia TWA	ACGIH STEL
Ethanol (64-17-5)	1000 ppm (1880 mg/m³)	1000 ppm
Glycerol (56-81-5)	10 mg/m³	Not set
Hydrogen Peroxide (7722-84-1)	1 ppm (1.4 mg/m³)	1 ppm (TWA)

Engineering Controls: Showers, eyewash stations, ventilation systems. Natural ventilation adequate under normal conditions of use.

Personal Protective Equipment: Wear chemical goggles if handling large amounts and if splashing is likely to occur. Wear suitable protective clothing and gloves if handling large amounts.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow liquid
Odour: Alcohol with Citrus
pH: Not applicable
Boiling Point: 78.3 °C
Flash Point: 17.5 °C
Water Solubility: Complete
Specific Gravity: 1.03
Flammability: Flammable liquid

Section 10. STABILITY AND REACTIVITY

Reactivity: None under normal use conditions.
Stability: Stable under normal conditions.
Conditions to Avoid: Heat, flames and sparks.
Incompatible Materials: None known based on information supplied.
Hazardous Decomposition Products: Carbon monoxide and unidentified organic compounds (in fire).
Hazardous Polymerisation: Will not occur under normal conditions.

Section 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Acute Toxicity:
Ingestion: May cause nausea, vomiting, diarrhoea, gastrointestinal irritation.
Eye Contact: Causes serious eye irritation. May cause redness, itching and pain.
Skin Contact: May cause mild skin irritation and redness.
Inhalation: In large amounts can cause headache, nausea and mucous membrane irritation.

Skin Corrosion/Irritation: May cause skin irritation.
Serious Eye Damage/Irritation: Causes serious eye irritation.
Respiratory or Skin Sensitisation: No information available.
Carcinogenicity: No significant ingredient is classified as carcinogenic.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity: No product data available. Individual components have low aquatic toxicity.
Persistence and Degradability: No information available.
Bioaccumulative Potential: No information available.
Mobility in Soil: No information available.

Section 13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of contents/container in accordance with Local/regional/national/international regulations. Should not be released into the environment. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Section 14. TRANSPORT INFORMATION

ADG / IATA / IMDG:
UN Number: UN1170
Proper Shipping Name: ETHANOL SOLUTION
Transport Hazard Class: 3
Packing Group: II
Hazchem Code: *2YE
Special Provisions: 144

Section 15. REGULATORY INFORMATION

National regulations - Australia: See section 8 for national exposure control parameters. This product is a Hazardous Chemical.

AICS: All ingredients are listed on the Australian Inventory of Chemical Substances.

Section 16. OTHER INFORMATION

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled and used in the workplace.

End