

SAFETY DATA SHEET

Section 1 - Identification of Chemical Product and Company

Tri Nature Pty Ltd ACN 001 784 327

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Phone: (02) 4928 2199 Fax (02) 4928 2405



TRI NATURE

Trade Name: HAND SANITISER

Product Code: NA

Product Use: Hand Sanitiser

Revision Date: March 2020

Expiry date: March 2025

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as a HAZARDOUS SUBSTANCE in accordance with the GHS. It is classified as a DANGEROUS GOOD by the ADG code.

Classification of the substance or mixture:

Flammable Liquids - Category 3

Signal Word: Danger



Hazard Statements:

H226 Flammable liquid and vapour

Precautionary Statements:

Prevention

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

P233 Keep container tightly closed.

P240 Ground/Bond container and receiving equipment.

P241 Use explosion proof electrical equipment.

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge.

Response

P370 + P378 In case of fire: Use alcohol resistant foam (preferred) or water fog (or if unavailable fine water spray).

Storage

P405 Store locked up

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

SUSMP Classification: None Allocated

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Issued by: Tri Nature Pty Ltd

Phone: (02)4928 2199

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

ADG Classification: 3 Flammable Liquid
UN Number: 1170 ETHANOL SOLUTION

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Ethanol	64-17-5	>60%
Other ingredients deemed not to be hazardous	Not applicable	<10%
Water	7732-18-5	10 - 30%

Section 4 - First Aid Measures

Eye Contact	Hold eyelids apart and flush the eye continuously with running water. If irritation occurs seek medical advice.
Skin Contact	No adverse effects anticipated from normal use. This product is intended to be in contact with human skin. If irritation occurs, rinse with clean water and discontinue use.
Inhalation	No effects with normal use. If vapours are inhaled, remove patient from contaminated area, if symptoms develop seek medical advice.
If Swallowed	Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
Additional Information	Product contains >60% ethyl alcohol.

Section 5 - Fire Fighting Measures

Highly flammable liquid. Contains ethanol. Avoid ignition sources (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc). Do NOT smoke. No significant explosion hazard under normal circumstances. Product may become a hazard in the event of a fire if large numbers of containers are stored together.

Suitable Extinguishing Equipment

If involved in a fire, appropriate extinguishing media include In case of fire, appropriate extinguishing media include alcohol resistant foam, water fog (or if unavailable fine water spray).

Special Protective Equipment and Precautions for Fire Fighters

When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus.

Specific hazards arising from the chemical:

Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be emitted.

Hazchem Code: 2Y

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Remove all ignition sources and work up wind or increase ventilation. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup. Stop leak if safe to do so. May be slippery when spilled.

Methods and Materials for containment and cleaning up

Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use non-sparking tools. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water.

Environmental precautions

Prevent spill entering sewers or waterways.

Section 7 - Handling and Storage

Precautions for Safe Handling

Observe good personal hygiene practices and recommended procedures. Do NOT smoke.

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Conditions for Safe Storage

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Store away from incompatible materials listed in section 10 including oxidizing agents, acids, combustible materials and sources of ignition. Protect from direct sunlight.

Store in original packaging as approved by manufacturer.

Section 8 - Exposure Controls and Personal Protection

No exposure limits available for this material, however values available for constituents;

ASCC Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Ethanol (Ethyl alcohol)	1880 (100ppm)	

This product is intended to be in contact with human skin. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: Use in a well-ventilated area. This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels.

Personal Protective Equipment

RESPIRATOR:	Wear an approved respirator where vapours are generated and engineering controls are inadequate.
EYES:	Safety glasses or splash goggles to prevent splashing in the eyes.
HANDS:	Wear chemical resistant gloves.
CLOTHING:	Chemical resistant coveralls and safety footwear.

Section 9 - Physical and Chemical Properties:

Physical Description:	Light Blue Gel	Water Solubility:	Miscible
Odour:	Peppermint / Alcoholic	pH:	No data
Boiling Point:	~ 84°C at 100kPa	Flash Pt.	No data
Freezing/Melting Point:	No data	Volatility:	No data
Volatiles:	No data	Odour Threshold:	No data
Vapour Pressure:	No data.	Evaporation Rate:	No data
Vapour Density:	No data	Coeff Oil/water Distribution:	No data
Specific Gravity:	~0.9	Autoignition temp:	No data

Section 10 - Stability and Reactivity

Reactivity:	This product is unlikely to react or decompose
Chemical Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	This product should be kept in a cool place, preferably below 30°C. Avoid exposure to heat, sources of ignition and open flames. Avoid contact with incompatible materials. Avoid exposure to light.
Incompatible Materials:	Strong oxidising agents, acids, alkalis, combustible materials and sources of ignition.
Hazardous Decomposition Products:	Toxic and/or irritating fumes including carbon monoxide and carbon dioxide may be released on thermal decomposition.
Hazardous Reactions:	This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

No adverse health effects expected if this product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may occur if the product is mishandled or over exposure occurs are:

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Swallowed	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs.
Eye	May be mildly irritating to eyes and result in redness, stinging and excessive tearing.
Skin	Although unlikely, may cause mild irritation to the skin that may result in redness, itching or swelling.
Inhaled	Material may be an irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Chronic Effects

No Data Available

Acute Toxicity

No data available for this product.

Section 12 - Ecological Information

Avoid contaminating waterways.

Ecotoxicity

No data

Persistence/degradability

No data

Section 13 - Disposal Considerations**Disposal method**

Refer to State/Territory Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.

Special precautions

Flammable Liquid.

Section 14 - Transport Information

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code)

UN Number:	1170
UN Proper Shipping Name:	ETHANOL SOLUTION
Class and subsidiary risk:	3 Flammable Liquid
Packing Group:	III
Hazchem Code:	2Y

Section 15 - Regulatory Information

Poisons Schedule (SUSMP): None Allocated
All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16 - Other Information**Date of Preparation:** March 2020

This SDS contains only safety-related information. For other data see product literature. Please read all labels carefully before using product.

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.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

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