

Safety Data Sheet

CLINICOL

1. Identification

Trade name of product	: CLINICOL
Other Shipping Name	: Ethanol (Ethyl Alcohol) Solution
Supplier Address	: QUALITY MEDICAL INNOVATIONS PTY LTD 71 Stradbroke Street Heathwood, QLD 4110
Supplier Contact Details	: Phone: 1300 479 624 email: sds@symbio.com.au
Emergency telephone number	: Poisons Information 131126
Material uses	: CLINICOL is effective for general hard surface disinfecting (benches and tables etc.)
Product dilution information	: Use undiluted
Date of issue	: 15 December 2017

2. Hazards identification

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

This material is **HAZARDOUS** according to Safe Work Australia's GHS Criteria.

Hazard Category

Flammable Liquids : Category 2

Eye Damage: Category 2A

Acute Toxicity – Oral : Category 4

Signal Word: DANGER

Hazard Statements:

Highly flammable liquid and vapour.

Harmful if swallowed

Causes serious eye irritation

Precautionary Statements:

Prevention:

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

Keep container tightly closed.

Ground container and receiving equipment. Use explosion-proof electrical equipment.

Use only non-sparking tools. Take precautionary measures against static discharge.

Wash contaminated skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

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

Response:

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair):

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.



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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. If eye irritation persists: Get medical advice/attention. In case of fire: Use water fog or fine spray, dry chemical, alcohol stable foam, or carbon dioxide for extinction.

Storage: Store in a well ventilated place. Keep cool.

Disposal: Dispose in contents/container in accordance with local regulations.

General Phrases: Keep out of reach of children.

3. Composition/information on ingredients

Ingredient name	CAS number	Proportion %	TWA mg/m ³	STEL mg / m ³
Ethanol	64-17-5	60 – 90	None allocated	None allocated
Tea Tree Oil	68647-73-4	<0.5	None allocated	None allocated

Ingredients, determined not to be hazardous according to Safe Work Australia's criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. First-aid measures

Eye contact	: Rinse with plenty of running water. Seek medical advice if symptoms occur.
Skin contact	: Remove contaminated clothing (wash before re-use). Then rinse with plenty of running water. Seek medical advice if symptoms occur.
Inhalation	: Remove to fresh air. Seek medical advice if symptoms occur.
Ingestion	: Do NOT induce vomiting. Rinse mouth. Give water to drink. Seek medical advice if symptoms occur.
Notes to physician	: Treat symptomatically. Concentrated solution can cause corneal burns.

5. Fire-fighting measures

Extinguishing media	: Use water fog or fine spray, dry chemical, alcohol stable foam, or carbon dioxide. Do not use water jets.
Specific Hazards arising from the chemical	: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion as well as structural fire fighters uniform.
Special protective equipment and precautions for fire-fighters	: May decompose on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.
Hazchem Code	: ●2YE

6. Accidental release measures

Personal precautions	: Isolate ignition sources. For small spills ensure suitable equipment and PPE is used. Dispose of waste in accordance with local rules. For large spills the following PPE is recommended to reduce risk: safety glasses, chemical resistant shoes & gloves, long sleeves / trousers. Remove non-essential personnel from the area. Ensure that any other products of incompatible classes near the spill are removed.
Environmental precautions	: Contain large spills/releases using appropriate bunding or capping. Prevent entry into drainage systems, sewers and waterways.
Methods for cleaning up	: Spills may be slippery. Small spills use mop and bucket, for larger spills contain with absorbent material, collect and dispose. Ensure ignition sources are isolated.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Flammable liquid. Use clean dispensing equipment, use appropriate PPE, always add product to water when diluting.
- Storage** : Flammable liquid. Store in a cool, dry, well ventilated place. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store in original containers whenever possible. Do not store in metal containers. Check container compatibility before transfer. Keep containers closed when not in use - check regularly for leaks. Ensure good housekeeping in storage area.

8. Exposure controls/personal protection

- Engineering measures** : Use flammable liquid handling precautions. Use sensible work practices that reduce operator exposure to the product.
Ensure that adequate ventilation is provided, and air is moving constantly in the area of use while drum is open. Keep containers closed when not in use.
- Personal Protection**
- Eyes** : Safety glasses or goggles.
- Hands** : Chemical resistant gloves.
- Respiratory** : If determined by a risk assessment an inhalation risk exists, wear a suitable mist respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- Skin** : Long sleeves/trousers/chemical resistant boots.

9. Physical and chemical properties

- Physical state** : Clear Liquid
- Colour** : Colourless
- Odour** : Slight lemon and ethyl alcohol odour.
- Volatile component** : <80%
- Specific Gravity (g/ml @ 25°C)** : 0..80 – 1.0
- Solubility in water** : Miscible

10. Stability and reactivity

- Reactivity** : Do not mix with corrosive products.
- Stability** : Stable under normal storage conditions.
- Possibility of Hazardous Reactions** : May release toxic vapours when heated.
- Conditions to avoid** : Store away from food stuffs and ignition sources.
- Incompatible Materials** : Strong oxidising agents.

11. Toxicological information

Potential acute health effects

No acute health effects expected if the product is handled in accordance with instructions provided by the manufacturer. Symptoms that may result if the product is mishandled or if overexposure occurs include:

- Ingestion** : May cause irritation to the mouth and digestive tract, possibly nausea, vomiting, and diarrhoea.
- Skin** : Contact with skin may result in irritation. Can be absorbed through the skin with resultant toxic effects but only if exposure is extensive and prolonged.
- Eye** : Will cause severe irritation and possible permanent damage.

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Inhalation: : Where this material is used at elevated temperatures vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea.

12. Ecological information

Ecotoxicity data

Persistence/degradability : Surfactants used are readily biodegradeable.
Mobility in Soil : Expected to be mobile.
Other adverse effects : Expected to be very toxic to aquatic species with long lasting effects.

13. Disposal considerations

Methods of disposal : Containers should be emptied as completely as practical before disposal. If possible, recycle containers either in-house or send to recycle company. If this is not practical, send to a commercial waste disposal site.

14. Transport information

Regulation	UN Number	Proper shipping name	Class	Packing group	Additional information
ADG	1170	Ethanol (Ethyl Alcohol) Solution	3	II	●2YE

15. Regulatory information

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16. Other information

Literature References : Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Workplace exposure standards, Safe Work Australia. Hazardous Substances/Chemicals Information System, Safe Work Australia. Globally Harmonised System of classification and labelling of chemicals. Raw material suppliers' SDS

Prepared by : **Australian Chemical Services Pty Ltd (0411 863 178)**

This Safety Data Sheet is the first issue under the direction of the PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS of December 2011. The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SAFETY DATA SHEET