



GDM Technologies Pty Ltd
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Email: info@citrolife.com.au
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ABN: 99 091 263 704

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: CitroShield® Hand Sanitiser
Other Names: Dermesan
Recommended Use: A water free hand sanitiser for decontamination and the prevention of cross contamination of hands.
It is hypoallergenic and incorporates an organic biocide called CitroZine as its active ingredient.

**Manufacturer/
Supplier Details:** GDM Technologies Pty Ltd (ABN: 99 091 263 704)
4-8 Rodney Road
North Geelong, Victoria 3215, Australia.

Phone: +61 3 5272 3122
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2. HAZARDS IDENTIFICATION

Hazardous classification: Flammable, not self igniting
Risk phrases: Keep away from naked flame, sources of ignition. No smoking.
Safety phrases: See sections 4,5,6,7,8,10,12
ADG classification: Class 3 Organic Alcohol

3. COMPOSITION INFORMATION OR INGREDIENTS

Ingredients

Water (demineralised)
CitroZine Active
Organic Alcohol
Proprietary Emmolient

4. FIRST AID MEASURES

Inhalation: Volatile at application concentration may cause dizziness over long periods. Remove to fresh air. Seek medical attention if symptoms persist.

Skin contact: Non hazardous on skin.

Eye contact: May cause irritation to eyes. In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes.

Ingestion: May cause nausea. Drink copious quantities of water. Do not induce vomiting. Seek medical advice. Show this MSDS to the doctor.

Advice to doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media: Flammable. Use Dry Foam or CO₂ extinguishers.
Hazardous combustion products: None.
Precautions for Fire-fighters: Volatile ingredients.
Hazchem Code: UN 1170. Class: 3 Organic Alcohol

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6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Allow small spills to evaporate then wash residue to drains with large amounts water. Neutralise larger spills then absorb with inert material. Wash traces to drain with water
Methods and Materials:	Neutralise with lime or soda ash, absorb with sand, soil, polypropylene or sawdust. Wash away with water

7. HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid contact with eyes.
Storage:	Store in original, sealed containers. Keep out of reach of children. Store above 0°C and below 35 °C. Avoid contact with sources of ignition.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure standards:	None set.
Biological limit values:	None allocated
Engineering controls:	Special ventilation is not required at normal usage levels.
Personal protective equipment:	- CLOTHING: Not relevant. - GLOVE TYPE: Not relevant. - EYE PROTECTION: Wear protective goggles or glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light green or colourless gel.
Odour:	Alcohol
Vapour pressure:	Not available
Boiling point:	100°C
Freezing point:	0°C
pH:	6.5 – 7.5.(20°C)
Solubility:	Infinitely soluble in water, alcohol and propylene glycol.
Relative Density:	0.93
Flashpoint:	54 °C closed cup

10. STABILITY AND REACTIVITY

Chemical stability:	Stable
Conditions to avoid:	Avoid excessive heat or cold and sources of ignition.
Incompatible materials:	None known.
Hazardous decomposition products:	None known
Hazardous reactions:	Flammable

11. TOXICOLOGICAL INFORMATION

Ingestion:	May cause nausea. Acute toxicity LD 50 >1000mg/kg live weight.
Eyes:	Irritation to eyes, slight corneal iris injury may cause moderate redness.



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Skin contact: None known
Inhalation: May cause dizziness.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No Data
Persistence and degradability: Volatile and biodegradable
Mobility: Volatile

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dilute with water and rinse containers to drain.
Recyclable containers should be returned to supplier, where disposed, do so in accordance with local and state regulations. Do not contaminate streams, rivers or waterways.

14. TRANSPORT INFORMATION

UN number: 1170
Proper shipping name: Not applicable
Class and subsidiary risk: Class 3 Organic Alcohol
Packing group: Not applicable
Special precautions for user: Flammable
Hazchem code: Class 3 Organic Alcohol

15. REGULATORY INFORMATION

No regulatory information.

16. OTHER INFORMATION

All information contained in this Material Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

End of MSDS CITROSHIELD HAND SANITISER