

Material Safety Data Sheet

1. IDENTIFICATION AND SUPPLIER INFORMATION

Product Name:	TriGene Disinfectant, Disinfectant Wipes & Trigger Sprays.
Product Type:	Disinfectant Cleaner.
Supplier Details:	MediChem International Limited, PO Box 237, Sevenoaks, Kent, TN15 0ZJ, United Kingdom. Tel: +44 (0) 1732 763555 Fax: +44 (0) 1732 763530

NOTE: The data herein is in respect of TriGene concentrate disinfectant unless otherwise stated.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Type:	Halogenated Tertiary Amine	
Major Ingredients:	Polymeric (Hexamethylene) Biguanide Hydrochloride	<2%
	Alkyldimethyl Benzyl Ammonium Chloride	<15%
	Dodecylamine	<5%
	Sulphamic Acid	<5%
	Nonoxinol	<10%
	Demineralised Water, Solubilisers	Balance

3. HAZARDS IDENTIFICATION

No specific hazards.

4. FIRST AID MEASURES (Must be taken immediately)

Inhalation:	Non-toxic: avoid long term inhalation of neat liquid. Remove to fresh air.
Eye contact:	Rinse eyes with water copiously for 10 minutes. Seek medical advice as necessary.
Skin contact:	Wash affected area with soap and water. Avoid prolonged contact.
Ingestion:	<u>Do not</u> induce vomiting. Give milk or water to drink. Seek medical advice where necessary.

5. FIRE FIGHTING MEASURES (Not flammable solution).

Extinguishing Media:	Any available means.
Explosive Quality:	Nil.
Specific Hazard:	<ul style="list-style-type: none">• Burning of residue produces irritating fumes.• Burning of fabric from wipes may also produce irritating fumes.
Specific protective measures for fire fighters:	Breathing Apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions:	Product is biodegradable under OECD conditions operational 6/1995.
Clean up Method:	Flush to drain with copious water or soak up onto inert material and dispose of with clinical waste.
Clothing for Disposal:	Wear gloves and apron, avoid prolonged skin contact.

7. HANDLING AND STORAGE

Handling Guidelines:	Safe handling by trained professional staff in accordance with label instructions only. Not to be mixed with other chemicals. Keep from children.
Storage Guidelines:	Store in dry place not below 0°C or above 30°C and out of direct sunlight. Keep lidded. Keep from foodstuffs and drinks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:	Use with care, avoid eye contact and prolonged skin contact. Gloves and safety glasses recommended if available. External use only. Not for ingestion.
Skin Contact:	Low risk: may degrease skin leading to dryness if excessive contact.
Eye Contact:	Low risk: may cause temporary discomfort.
Inhalation:	Low risk: no known hazard.
Inhalation (Long Term):	Low risk: no known hazard.
Ingestion:	Low risk: substantial ingestion will cause discomfort to mouth and digestive tissues.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Appearance and Odour:	Blue with Eucalyptus fragrance.
Evaporation Rate:	As water.
Boiling Point:	110°C.
Freezing Point:	-20°C.
% Volatile (by weight):	>95%.
Solubility in Water (20°C):	Soluble.
pH:	5.5 approximately.
Specific Gravity:	1.01 @ 20°C.

10. STABILITY AND REACTIVITY

- No decomposition if stored and used as directed.
- No hazardous decomposition products under normal use.
- If mixed with strong alkalis, may neutralise or reduce disinfectant qualities.

11. TOXICOLOGICAL INFORMATION

Human Studies:	4 hours and 20 hours patch tests have shown minor skin reddening but no harmful effects.
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12. ECOLOGICAL INFORMATION

No known adverse effects from normal use.

13. DISPOSAL CONSIDERATIONS

Packaging:	Can be disposed of as normal waste in accordance with local authority regulations.
Contaminated Packaging:	May be disposed of safely under normal conditions in accordance with local authority regulations.
Product:	Solution to be disposed of in accordance with spillage instructions as detailed in Section 6.

14. TRANSPORT INFORMATION

No special conditions apply. Not dangerous.

15. REGULATORY INFORMATION

Not a licensed medicine.

Tested by the Public Health Laboratory and the Ministry of Agriculture, Fisheries and Food as a virucidal substance.

16. OTHER INFORMATION

SAFETY PHRASES	(2) Keep out of reach of children. (24/25) Avoid contact with skin and eyes. (50) Do not mix with other chemicals.
TM302	Trigger spray used in very high risk surface cross-infection control (blood, vomit and related bio-hazards) pre-packed at 10% concentration in demineralised water, eucalyptus fragranced in blue colour.
TM351 / TM353 / TM355	TriGene Wipes are impregnated with clear unfragranced disinfectant solution at a 5% concentration onto non-woven man made material.

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