

Section 1 – IDENTIFICATION OF THE PRODUCT AND COMPANY

- 1.1 Trade Name: TRIGEL
 1.2 Type of Product: Hand sanitizer
 1.3 Manufacturer/Supplier: MediChem International Ltd
 1.4 Marketing Address: PO Box 237, Sevenoaks, Kent TN15 0ZJ
 TEL: 01732 763555, FAX: 01732 763530
 Email: info@medichem.co.uk www.medi-chem.com
 1.5 Manufacturing Address: Stalham Business Park, Rushenden Road, Queenborough, Kent ME11 5HE
 TEL: 01795 581151, FAX: 01795 581256
 1.6 SDS Competent person: trevor@rising-hsande.co.uk

Section 2 – HAZARDS IDENTIFICATION

- 2.1 The product is not flammable.
 According to experience, the product is considered to be harmless to health if handled in the correct manner.
 According to experience, the product is considered to be harmless to the environment if handled in the correct manner.
 The product contains a substance that has a Workplace Exposure Limit.

Section 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Chemical Type: Alcohol Gel
- 3.2 Major Hazardous Ingredients:
- | Substance | CAS No. | EINECS/ELINCS | Classification | Concn. |
|---------------------|---------|---------------|----------------|--------|
| Ethanol (denatured) | 64-17-5 | 200-578-6 | F:R11 | 70% |

Section 4 – FIRST-AID MEASURES

- (Must be taken immediately)
- 4.1 Inhalation: Not normally a route of exposure.
 4.2 Eye contact: Wash eyes thoroughly with plenty of water until irritation subsides. If necessary, Seek medical advice.
 4.3 Skin contact: No special first aid measures necessary.
 4.4 Ingestion: **Do not** induce vomiting. Give milk or water to drink. Seek medical advice where necessary.

Section 5 – FIRE-FIGHTING MEASURES

- (This product is non flammable and difficult to combust)
- 5.1 Extinguishing media: Powder, foam, sand or water spray.
 5.2 Media not to be used: None known
 5.3 Specific hazard: If burnt fumes contain Carbon Dioxide and Carbon Monoxide.
 5.4 Specific protective measures for fire fighters: Breathing apparatus should be worn.

Section 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Environmental precautions: Product is biodegradable under OECD conditions operational 6/1995.
 6.2 Clean-up method: Soak up with inert material into tightly closed containers. Label container and dispose of in accordance with Local Authority regulations.
 6.3 Clothing for disposal: No special clothing normally required.

Section 7 – HANDLING AND STORAGE

- 7.1 Handling guidelines: Keep away from sources of ignition. Safe handling by trained professional staff in accordance with label instructions only. Not to be mixed with other chemicals. Keep from children. Do not store close to strong oxidising agents.
- 7.2 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.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure controls: Workplace Exposure Limits (WELS) have been assigned by the HSE (EH40/2005), LTEL (8 hour) 100ppm 1920 mg/m³ Data for ethanol
- 8.2 Engineering controls: Provide adequate ventilation (e.g. local exhaust ventilation).
- 8.3 Personal protection: Observe normal standards for handling chemicals.
- 8.4 Skin contact: Not normally required.
- 8.5 Eye contact: Not normally required.
- 8.6 Inhalation: Ensure adequate ventilation.
- 8.7 Other protection: Only as appropriate to task.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical State: Gel.
- 9.2 Appearance and Odour: Colourless gel with alcoholic odour.
- 9.3 Flash point: 24°C (See section 16).
- 9.4 Solubility in Water (20°C): Soluble.
- 9.5 pH: 6.0 approximately.
- 9.9 Specific Gravity: 1.870 @ 20°C.

Section 10 – STABILITY AND REACTIVITY

- 10.1 No decomposition if stored and used as directed.
- 10.2 Hazardous decomposition products: None under normal use.
- 10.3 May react with strong oxidants.

Section 11 – TOXICOLOGICAL INFORMATION

- 11.1 No data available

Section 12 – ECOLOGICAL INFORMATION

- 12.1 Acute toxicity: LC₅₀ Aquatic organisms mg/l No data available
- 12.2 Degradation: No data available

Section 13 – DISPOSAL CONSIDERATIONS

- 13.1 Packaging: Can be disposed of as normal waste in accordance with local authority regulations.
- 13.2 Contaminated Packaging: May be disposed of safely under normal conditions in accordance with local authority regulations. Do not mix with other waste material.
- 13.3 Product: In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

Section 14 – TRANSPORT INFORMATION

- 14.1 UN Number: Not classified for transport
- 14.2 Marine pollutant: The product should not be marked as a marine pollutant.

Section 15 – REGULATORY INFORMATION

- 15.1 Classification: In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations, [CHIP 3.2], the product is not classified.

Section 16 – OTHER INFORMATION

- 16.1 Further information: **Risk phases referred to in section 13** (for major ingredients, not the product TriGel)
- R11: Highly flammable
- Since brief contact with an ignition source does not lead to product ignition, the Product is not "readily combustible" and thus does not meet the criteria as a "solid

16.2 Sources of data: containing a flammable liquid". The product is not a licensed medicine.
Other suppliers' safety data sheets, approved Supply List, EH40 (2005)
16.3 Date of Issue 04-02-2009
16.4 Disclaimer: This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. The user has the responsibility to satisfy himself as to the suitability of the information for his own specific use.

THIS MSDS 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 MSDS 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.