

Material safety data sheet

Newtons Labs Antibacterial Hand Gel

1. IDENTIFICATION OF PRODUCT & COMPANY

Product: Newtons Labs Antibacterial Hand Gel Original (01250TZS/01252TZS-C99623)
 Newtons Labs Antibacterial Hand Gel Aloe (01251TZ-C99622)

Intended use: Cosmetic products

Company name: Brodie & Stone International Ltd, Orwell house, 16-18 Berners St, London, W1T 3LN, UK

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2. HAZARD IDENTIFICATION

Main hazards: These products are FLAMMABLE. Vapours may form explosive mixtures with air & may travel a considerable distance to a source of ignition and flash back.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Components contributing to hazards:
 Ethanol: CAS no. 64-17-5; EC no. 200-578-6; concentration 20-75%; F11 Highly flammable

All other components are low hazard and/or present at amounts below reportable thresholds.

4. FIRST AID MEASURES

Skin contact: Products are formulated to be used in contact with skin and is therefore extremely unlikely to cause irritation or allergy.

Eye contact: Wash out eyes with water.

Ingestion: If product has been confined to the mouth, wash out with water. Ensure the mouthwash is not swallowed. If product has been swallowed, drink water to dilute it in the stomach. Do not induce vomiting.

Inhalation: Move exposed person to fresh air.

5. FIRE FIGHTING MEASURES

Exposure hazards: Flammable - vapours may form explosive mixtures with air & may travel a considerable distance to a source of ignition and flash back. Heat may cause containers to explode. Combustion products include carbon monoxide, carbon dioxide & other hazards fumes.

Suitable extinguisher: Use water spray, fog or mist, alcohol resistant foam, carbon dioxide or dry chemicals. Containers close to fire should be removed immediately (if it can be done without risk) or cooled with water. Wear protective clothing/equipment appropriate to fire conditions.

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6. ACCIDENTAL RELEASE MEASURES

Personal protection: None needed but eye contact should be avoided.

Leaks and spills: Remove all sources of ignition. Large spillages should be contained using absorbent material. Transfer to a sealed container for disposal.

Clean-up procedure: Small spillages or residue should be washed to drain with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Keep away from heat, sparks and open flame. Unintended release to the environment and exposure should be avoided.

Storage precautions: Keep away from oxidisers, heat and flames. Keep away from children.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Workplace Exposure Limit (WEL): None assigned.

Personal protection: No specific requirements though eye contact should be avoided.

Environmental Exposure Controls: Ensure compliance with the Environmental Protection Act 1990.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Odour: Perfumed odour

Solubility: Miscible with water

Specific gravity: 0.800 to 1.000

Viscosity: Gel 80-100,000 cps)

pH 3 to 8

Flash point: ca. 50 °C

10. STABILITY AND REACTIVITY

Stability: Stable under normal storage and use conditions. Will decompose in a fire to form carbon monoxide, carbon dioxide and other hazardous products.

Incompatible with: Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures. Avoid contact with acids and oxidising substances.

11. TOXICOLOGICAL INFORMATION

Toxicity assessment: These products have been assessed for safety for human health of finished cosmetic products (Statutory Instrument 2008 no. 1284, The Cosmetic Products (Safety) Regulations 2008 & subsequent amendments) by considering the general toxicological profile of the ingredients and

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an assessment of the final products as sold. They are not considered to present any undue hazards with respect to human health in normal use & under reasonably foreseeable misuse.

12. ECOLOGICAL INFORMATION

Summary: No significant hazards. Avoid contamination of land, drains and watercourses.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Products and contaminated packaging must be disposed in compliance with the Hazardous Waste Regulations 2005. Contact the Environment Agency for additional information. Emptied containers retain liquid residue and vapour so remain a fire hazard.

14. TRANSPORT INFORMATION

Proper shipping name: FLAMMABLE LIQUID N.O.S. (ethanol)
UN no: 1993
Class: 3
Labels: Flammable 3
Packing group/
Transport category: 3
Limited quantities: can be transported under Limited Quantities provisions in appropriate outer packaging

15. REGULATORY INFORMATION

Classification: Flammable
Risk phrases: R10 Flammable
Safety phrases: none required
Other requirements: label must include the phrase "contains ethanol"

16. ADDITIONAL INFORMATION

Legal Disclaimer: The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The supplier is not liable for any damage resulting from handling or from contact with the above product.

This MSDS has been revised to meet the requirements of the Chemicals (Hazard Information and Packaging for Supply) Regulations and the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.