

**MATERIAL SAFETY
DATA SHEET
Lemon Glycerine
Swabsticks**

Document No. 41-MSDS-03

Version 1

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Effective Date: Jan 07

1. PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name: Lemon Glycerine Swabsticks
Manufacturer's Name: Optimum Medical Solutions
Manufacturer's Address: 47 Park Square East, Leeds, LS1 2NL, United Kingdom
Emergency or Information Phone No.: +44 (0)845 643 5479 during normal working hours.
At other times, contact the local Poison Control Centre
Chemical Name: Mixture

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS number	Concentration
Glycerine	56-81-5	5 to 25%
Citric acid	77-92-9	1 to 2%
Sodium Benzoate	532-32-1	0.1%
Lemon Flavour		0.01 to 0.2%

3. HAZARDS IDENTIFICATION

Ingredient	CAS number	OSHA PEL
Glycerol	56-81-5	D10mg/m3
Citric acid	77-92-9	
Sodium Benzoate	532-32-1	
Lemon Flavour		none established

Flash Point (Method Used): None
Flammable Limits: N/A
LEL: N/A
UEL: N/A
Unusual Fire and Explosion Hazards: N/A

4. FIRST AID MEASURES

Inhalation: N/A
Skin: N/A
Carcinogenicity: N/A
Signs and Symptoms of Exposure: None expected.
If splashed in eyes, wash with copious amount of water for 15 minutes.

5. FIRE FIGHTING MEASURES

Extinguishing Media: All types
Special Fire Fighting Procedures: Protective clothing and breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Flush with water if present in large quantities.



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7. HANDLING AND STORAGE

Ventilation: None Required
Local Exhaust: No
Special: N/A
Other: N/A
Precautions to Be Taken: Avoid prolonged exposure to excessive temperatures.
Store under dry conditions at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Other Precautions: N/A
Respiratory Protection (Specify Type): N/A
Protective Gloves: N/A
Eye Protection: Wash with water if contact occurs.
Other Protective Clothing or Equipment: N/A
Work / Hygienic Practices: Good hygienic practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 210°F (100°C)
Vapour pressure (mm Hg): N/A
Vapour density (air=1): 1.0
Specific Gravity (H₂O =1): 1.03
Melting Point: N/A
Evaporation rate (Butyl acetate = 1): 1.0
Solubility in water: soluble
Appearance and odour: clear and characteristic lemon odour.
Length of swabstick: 10cm

Latex, PVC and DEHP (Bis(2-ethylhexyl) phthalate) free

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: N/A
Incompability (Materials to avoid): Strong oxidizers.
Hazardous Decomposition or Byproducts: Under prolonged extreme conditions some decomposition to acrolein may occur.
Polymerization: will not occur.

11. TOXICOLOGICAL INFORMATION

No hazardous components.

12. ECOLOGICAL INFORMATION

No hazardous components.

13. DISPOSAL CONSIDERATIONS

Normal disposal methods allowed by local, state and federal regulations.



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14. TRANSPORT INFORMATION

Dot shipping name:
 Technical shipping name:
 Dot shipping classification: dot not regulated
 Dot id no.:
 Dot label requirements:
 Un/na number regulations:
 Reportable quantity:

15. REGULATORY INFORMATION

US-FDA Drug Listing – NDC # 67777-160-01 (1/pack) & NDC # 67777-160-02 (3/Pack)

16. OTHER INFORMATION

ABBREVIATIONS:

N/A:	Denotes no applicable information found or available
CAS#:	Chemical Abstracts Service Number
ACGIH:	American Conference of Governmental Industrial Hygienists
OSHA:	Occupational Safety and Health Administration
TLV:	Threshold Limit Value
PEL:	Permissible Exposure Limit
STEL:	Short Term Exposure Limit
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer
EU:	European Union
R:	Risk
S:	Safety

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This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)

