

MATERIAL SAFETY DATA SHEET

Stanhexidine Aqueous 2% with 4% IPA (Chlorhexidine gluconate)

Code: L0000009 (450-mL)
DIN: 02246950

1 - IDENTIFICATION

Company: Omega Laboratories, Ltd.
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2 - INGREDIENTS

Hazardous Ingredients	CAS #	PEL	TLV	%
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	4

Other Ingredients

Chlorhexidine Digluconate	18472-51-0	N/A	N/A	2
FD&C No. 1 (dye)	3844-45-9	N/A	N/A	N/A
Water	7732-18-5	N/A	N/A	q.s.

3 - PHYSICAL DATA

Boiling Point: Not established.
Specific Gravity: 1.04
Vapor Pressure (mm Hg/20°C): Not established.
Vapor Density (air = 1): Not established.
Evaporation Rate: Approximately water rate.
Solubility in Water: Totally soluble.
pH: 5 - 6.5
Appearance: Clear blue liquid with slight alcohol odor.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (and method): 64°C, 148°F (Setaflash CC).
Flammable Limits (STP): 2 - 12% (isopropyl alcohol).
Extinguishing Media: Carbon Dioxide, Water, Halon, Alcohol Foam, Dry Chemical.
Special Fire Fighting Procedures: Protective clothing and self-contained breathing apparatus.
Unusual Fire or Explosion Hazards: Will not support any combustion and quick self-extinguish.

5 - REACTIVITY DATA

Stability: Stable.
Incompatibility (material to avoid): Strong oxidizing agents.
Conditions to Avoid: Contacts with strong oxidizing agents.
Hazardous decomposition products: All from combustion: Carbon Oxides, Nitrogen Oxides, Ammonia, Hydrogen chloride and small amounts of *p*-chloroaniline.
Hazardous Polymerization: Will not occur.

6 - HEALTH HAZARD ASSESSMENT

Routes of Entry: Skin, Eyes, Inhalation, Ingestion.
Skin: May cause skin irritation.
Eyes: May cause serious or/and permanent eye injury when permitted to enter the eye during surgery.
Inhalation: May cause nose and throat irritation.
Ingestion: Single dose is harmless by ingestion.

7 - EMERGENCY PROCEDURES

Skin: Wash thoroughly with water. Discontinue use. If irritation persists, medical attention is required.
Eyes: Rinse eyes with water for at least 15 minutes and consult medical personnel.
Inhalation: Remove to fresh air.
Ingestion: Drink water. Consult medical personnel immediately.

8 - TOXICOLOGICAL INFORMATION

Chlorhexidine D: LD₅₀ oral, rat: 2000 mg/kg LD₅₀ oral, mouse: 1260 mg/kg
Isopropyl Alcohol: LD₅₀ oral, rat: 5045 mg/kg LD₅₀ skin, rabbit: 12.8 g/kg
 LD₅₀ inhalation, rat: 16000 ppm/8-hour. Potential tumorigen, mutagen, reproductive effector.

9 - PRECAUTIONS INFORMATION

Steps to be taken in case material is released or spilled: Contain spill and soak up liquid with absorbent material.
Waste Disposal Method: Dispose of waste in respect with all regulatory agencies and laws.
Precautions to be taken in Handling and Storing: Store between 4°C-25°C. Avoid high heat (> 40°C, > 104°F) for a long period of time.
Other Precautions: Handle with care.

10 - CONTROL MEASURES

Respiratory Protection (Specify Type): No data.
VENTILATION: Local Exhaust: Not necessary.
Mechanical (General): Should be sufficient.
Protective Gloves: When spilled or when manipulating large quantity, impervious gloves.
Eye Protection: Chemical tight goggles when manipulating large quantity.
Other Protective Clothing or Equipment: Eyewash station and safety shower in working area.

11 - TRANSPORT INFORMATION

Not DOT Regulated.