



MATERIAL SAFETY DATA SHEET

**Baxedin® 2% - 70% Tinted/Untinted
(Chlorhexidine digluconate)**Code: L0000011 (110-mL tinted), L0000018 (500-mL tinted), L0000017 (500-mL untinted) & L0000019 (110-mL untinted)
DIN: 02251477**1 - IDENTIFICATION**

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2 - INGREDIENTS

Hazardous Ingredients	CAS #	PEL	TLV	%
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	70
Other Ingredients				
Chlorhexidine Digluconate	18472-51-0	N/A	N/A	2
Dye	N/A	N/A	N/A	N/A
Water	7732-18-5	N/A	N/A	q.s.

3 - PHYSICAL DATA

Boiling Point: No data.
Specific Gravity: >1.00
Vapor Pressure (mm Hg/20°C): No data.
Vapor Density (air = 1): No data.
Evaporation Rate: > water rate.
Solubility in Water: Totally soluble.
Appearance: Clear bright red/scarlet or clear liquid with obvious alcohol odor.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (and method): 12°C, 64°F.
Flammable Limits (STP): 2 - 12% (isopropyl alcohol).
Extinguishing Media:
Small fire: Use DRY chemical powder.
Large fire: Use water spray, alcohol-resistant fog or foam. Do not use water jet.
Water spray can be used to cool exposed containers and structures, dilute spills and disperse flammable vapors.
Special Fire Fighting Procedures: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards: May explode if exposed to extreme heat or flame. Vapors are heavier than air and will travel along surfaces to remote ignition sources and flash back.

5 - REACTIVITY DATA

Stability: Stable.
Incompatibility (material to avoid): Strong oxidizing agents.
Conditions to Avoid: Contacts with strong oxidizing agents, extreme heat, sparks or flame.
Hazardous decomposition products: Carbon Oxides, Nitrogen Oxides, Ammonia, Hydrogen chloride and small amounts of *p*-chloroaniline.
Hazardous Polymerization: Improbable.

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 - PRECAUTION 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 at room temperature. Avoid high heat (> 40°C, > 104°F) for a long period of time. Keep away from ignition sources. Protect from light.
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: Impervious gloves.
Eye Protection: Chemical tight goggles.
Other Protective Clothing or Equipment: Eyewash station and safety shower in working area.

11 - TRANSPORT INFORMATION

UN number UN1993
UN proper shipping name Flammable Liquid, n.o.s (Isopropyl Alcohol solution), Limited Quantity
Transport hazard class(es) 3
Packing group III

Omega Laboratories Limited assumes no responsibility resulting from the use of or reliance on this information.