Material Safety Data Sheet

Chlorhexidine Gluconate (RXSOL-14-8979-010)

1. Product and Company Identifaction

Product Name	Chlorhexidine Gluconate
Product Type	**RXSOL-14-8979-010**

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Muscat, Fujairah

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9322594669
Email	mail@rxmarine.com

2. Composition / informationon ingredients

CAS No. : 18472-51-0
EC No. : 242-384-0
Synonyms : Biguanide, 1,1- Hexamethyle & Digluconate (5-(p-Chlorophenyl)- Digluconate ‘1.6-nis (5(p-Chlorophenyl))- Digluconate
Other non-hazardous ingredients constitute less than 1%, This product does not contain any toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and
Community Right-To-Know Act of 1986 and of 40 CFR 372

3. Hazards Identification

HEALTH HAZARD INFORMATION

Eye - Corrosive to eyes.

Skin - Primary skin irritant, could cause allergic reaction in some people.

Inhalation - Nasal discomfort, high concentrations may cause headaches.

HAZARDOUS REACTIVITY

Instability - Stable.

Incompatibility - Solutions containing inorganic anions such as saline.

Decomposition - N/A

Polymerization - Polymerization will not occur.

4. First Aid Measures

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

Skin: Immediately remove contaminated clothing; wash skin with large amounts of water for at least 15 minutes. Get prompt medical attention.

Inhalation: Unlikely route of exposure,

Ingestion: Give two glasses of water. Do induce vomiting. Contact local Poison Control Center or physician immediately!

SECTION VII - SPILL or LEAK PROCEDURES

Procedures - Contain spill with non reactive absorbent such as vermiculite.

Waste Disposal Method - Dispose of in accordance with Local, State, and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory - N/A.

Eyewear - Safety Glasses.

Clothing/Gloves - Plastic rubber.

Ventilation - Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health safety personnel.

SECTION IX - TRANSPORTATION INFORMATION

Shipping Information:

DOT-Domestic Ground Transportation

Proper Shipping Name Non-Hazardous Material

5. Fire-fighting Measures

Suitable extinguishing media :	Water, Water Spray, Dry powder, Foam, Carbondioxide.
Extinguishing media wish must Not be used for safety reasons :	None
Special protective equipment for Firefighters:	Incase of fire, wear a self contained breathing apparatus.

Flash Point (Method Used): 80°F

Unusual Fire and Explosion Hazards: Product contains alcohol. Flames due to vapors emitted from the liquid adsorbed into these wipes might be difficult to see because they are virtually colorless.

Extinguishing Media: Carbon dioxide, dry chemical

6. Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: Absorb spilled liquidinto absorbent media.

Waste Disposal Method: Any method in accordance with local, state and federal laws.

Precautions to Be Taken In Handling & Storage: Store in original shipping containers, under cover and in ambient temperatures. Do not store in direct heat or sunlight. Avoid storage in freezing temperatures. Keep closed when not in use. Do not store in extreme temperatures.

7. Handling and Storage

Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.

Handling	Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.
Storage	Keep container tightly closed in a dry and well-ventilated place. Sensitive to heat over 40°C

8. Exposure controls and personal protection

Respiratory Protection: No special requirements. Ventilation Requirements: Normal indoor ventilation is adequate.

Protective Gloves: None required under normal use.

Eye Protection: None required under normal use. If direct contact of liquid to eye membrane is possible, safety glasses or goggles should be used.

Other Protective Equipment: N/A.

Engineering measures :	Ensure adequate ventilation especially in confined areas.
Personal protection equipment:	
Respiratory protection	Effective dust mask
Hand protection	Gloves
Eye Protection	Goggles
Skin and body protection	Lightweight protective clothing
Hygiene measures	Keep away from food, drink and animal feeding stuffs shower or bathe at the working.

9. Physical and chemical properties

Chemical Name :	Chlorhexidine Gluconate – 20% Aqueous Soln
Appearance :	Liquid
Boiling Point :	~97°C
Specific Gravity :	1.06
Solubility :	Water – Miscible, ethanol – Miscible. Acetone – Miscible.

10. Stability and reactivity

Polymerization: None

Hazards Decomposition Products: Carbon monoxide, carbon dioxide Incompatibility (Materials to Avoid):

Strong Oxidizers Conditions to Avoid: Heat, ignition sources, fire.

Stability :	Stable
Conditions to avoid :	Exposure to sunlight
Material to avoid :	Avoid contact with chlorinating substances.
Hazardous decomposition products :	None under normal storage condition

11. Toxicological information

Irritation/Corrosion Information for Component Primary Irritant effects Skin irritation: No irritating effect Eye irritation: Irritating effect Sensitization: No sensitizing effects known. Additional Information Carcinogenic categories: Substance is not listed in the: IARC (International Agency for Research on Cancer), NTP (National Toxicology Program), or OSHA-Ca (Occupational Safety & Health Administration)

Acute toxicity :	(LD 50) 1.6 g/kg Rat (oral)
Primary irritation :	(Skin) Irritant EC 83 Rabbit
Adverse Effects :	(Eye) Irritant EC 83 Rabbit
	In Man

12. Ecological information

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

13. Disposal considerations

Must be specially treated adhering to official regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be completed according to official regulations.

Disposal	Dissolve or mix the material with a combustible solvent and burn. In a chemical incinerator equipped with an afterburner and Scrubber Observe all federal, staff and local environmental Regulations.

14. Transport information

Technical Name :	Chlorhexidine Gluconate 20% Non hazardous.

15. Regulatory information

SARA Title III - Section 311/312 -Hazard Categories:
No - Fire Hazard
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard
No - Immediate (acute) Health Hazard
No - Delayed (chronic) Health Hazard

Regulation	Classification and labeling as per local federal, staff regulations.
Contains	Chlorhexidine Gluconate 20% Soln.

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if **Rx Marine International** has been advised of the possibility of such damages.

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