

Material Safety Data Sheet - VISTA CHX-RESTORATIVE

SECTION I: PRODUCT IDENTIFICATION

Company Name: Inter-Med Inc.
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Racine, WI 53404
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Items #: 502450, 502425, 317011

SECTION II: HAZARDOUS INGREDIENTS OF MIXTURES

Material	CAS#	% by Weight
Chlorhexidine gluconate	18472-51-0	2%
Water	7732-18-5	98%

Toxicological Data on Ingredients: ORAL (LD50), Acute: 2000 mg/kg (Rat),
260 mg/kg (Mouse)

SECTION III: PHYSICAL DATA

(ND = NOT DETERMINED) (NA = NOT APPLICABLE)

Vapor Pressure mm Hg: 17.535	Vapor Density: 0.62
Evaporation Rate (ether = 1): NA	% Volatile by Volume: NA
Solubility in H ₂ O: Easily water soluble	Boiling Point: 100° C / 212° F
Specific Gravity (H ₂ O = 1): 1.00	Appearance: Blue
Odor: NA	Melting Point: NA
Critical Temperature: NA	Water/Oil Dist. Coeff: NA
Ionicity (In Water): NA	

SECTION IV: FIRE AND EXPLOSION

Flammability of the Product: May be combustible at high temperature.

Flash point: NA

Auto-Ignition Temperature: NA

Flammable limits: NA

Products of Combustion: Carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂) and halogenated compound

Fire Hazards in Presence of Various Substances: NA

Explosion Hazards in Presence of Various Substances: Risk of explosion of the product in presence of mechanical impact:

NA, static discharge: NA

Extinguishing Media: Chemical powder, water spray (not water jet), fog or foam

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V: REACTIVITY DATA

Stability: Stable

Instability Temperature: NA

Conditions of Instability: NA

Incompatibility with various substances: NA

Corrosivity: Non-corrosive in presence of glass

Special Remarks on Reactivity: NA

Special Remarks on Corrosivity: NA

Polymerization: NA

SECTION VI: HEALTH HAZARDS

Potential Acute Health Effects: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin.

Potential Chronic Health Effects: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation. Non-corrosive for skin. Non-sensitizer for skin. non-permeator by skin.

CARCINOGENIC EFFECTS: NA, MUTAGENIC EFFECTS: NA, TERATOGENIC EFFECTS: NA,

DEVELOPMENTAL TOXICITY: NA. Substance is toxic to lungs, mucous membranes. Repeated or prolonged exposure to the substance can produce target organ damage.

SECTION VII: EMERGENCY AND FIRST AID PROCEDURES

Eyes: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: NA

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: NA

SECTION VIII: SPILL OR LEAK PROCEDURES

Small Spill: Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Waste Disposal Methods: Dispose of safely in accordance with local, state and federal regulations

SECTION IX: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapour/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep container dry, Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in cool, well-ventilated place. Combustible material should be stored away from extreme heat and away from strong oxidizing agents.

SECTION X: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: NA

SECTION XI: TOXICOLOGICAL INFORMATION

Routes of Entry: Eye Contact, Inhalation, Ingestion

Toxicity to Animals: Acute oral toxicity (LD50): 6300mg/kg (Mouse)

Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes

Other Toxic Effects on Humans: Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant), of inhalation. Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin.

Special Remarks on Toxicity to Animals: NA, Humans: NA, Other: NA

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity: NA

BODS and COD: NA

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic than the product itself.

Special Remarks on the Products of Biodegradation: NA

SECTION XIII: TRANSPORTATION INFORMATION

DOT Classification: Not a DOT controlled material (United States)

Identification: NA

Special Provisions for Transportation: NA

DOT (Pictograms)



SECTION XIV: OTHER REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Chlorhexidine gluconate; water

Other regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications: WHMIS (Canada) : Class D-2A Material causing other toxic effects (VERY TOXIC)
DSCL (EEC): R38 - Irritating to skin, R41 - Risk of serious damage to eyes

Protective Equipment: Gloves. Lab Coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Prior to use, the user shall determine the suitability of use for this product.

Distributed by:

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