



**MATERIAL SAFETY DATA Vista Dental Products  
Chlor-Xtra Solution**

**SECTION 1 - PRODUCT IDENTIFICATION**

Company Name: Inter-Med, Inc. /Vista Dental Products  
2200 Northwestern Avenue  
Racine, WI 53404  
Phone: (877) 418-4782  
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Prepared: 10-31-06, revised 7-12-07

**SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES**

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

CAS#	Material	%	OSHA PEL	ACGIH TLV
7681-52-9	Sodium Hypochlorite	5.85(max)		

**SECTION III - PHYSICAL DATA**

Solubility in H <sub>2</sub> O: Complete	Boiling Point: approx 100°C/212°F
Specific Gravity (H <sub>2</sub> O=1): ~1.1 at 70°F	Appearance: Clear light yellow green
Odor: chlorine-like	pH: 12.3-12.6

**SECTION IV - FIRE AND EXPLOSION**

Flash point: None  
Special Firefighting Procedures: None  
Unusual Fire and Explosion Hazards: None. Not flammable or explosive. Product does not ignite when exposed to flame.

**SECTION V - REACTIVITY DATA**

Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species.

**SECTION VI - HEALTH HAZARDS**

**DANGER: CORROSIVE.** May cause severe irritation or damage to eyes and skin. Vapor or mist may irritate. Harmful if swallowed. Keep out of reach of children.

Some clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g., irritation) occurs during exposure. Under normal consumer use conditions the likelihood of any adverse health effects are low. None of the ingredients in this product are listed on the IARC, NTP, or OSHA carcinogen list.

Medical conditions that may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, emphysema, chronic bronchitis or obstructive lung disease.



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**SECTION VII - EMERGENCY AND FIRST AID PROCEDURES**

Skin: Wash skin with water for 15-20 minutes. If irritation develops, call a physician.

Ingestion: Do NOT induce vomiting. Drink a glassful of water. If irritation develops, call a physician. Never give anything by mouth to an unconscious person.

Eyes: Hold eye open and rinse with water for 15-20 minutes. Remove contact lenses, after first five minutes. Continue rinsing eye. Call a physician.

Inhalation: Remove from exposure to fresh air immediately. If breathing is affected, call a physician.

**SECTION VIII - SPILL OR LEAK PROCEDURES**

Spill Management: Control spill. Containerize liquid and use absorbents on residual liquid; dispose appropriately. Wash area and let dry. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed, and/or poorly ventilated areas until hazard assessment is complete.

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

**SECTION IX - PROTECTION INFORMATION/CONTROL MEASURES**

The following recommendations are given for production facilities and other conditions and situations where there is increased potential for accidental, large-scale, or prolonged exposure.

Hygienic Practices: Avoid contact with eyes, skin and clothing. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods.

Engineering Controls: Use ventilation to minimize exposure to vapor or mist.

Personal Protective Equipment: Wear safety glasses. Use rubber or nitrile gloves if in contact liquid, especially for prolonged periods.

**SECTION X – TRANSPORT INFORMATION**

**Domestic (Land, D.O.T.)**

**Proper Shipping Name:** HYPOCHLORITE SOLUTION

**Hazard Class:** 8

**UN/NA:** UN1791

**Packing Group:** III

**International (Water, I.M.O.)**

**Proper Shipping Name:** HYPOCHLORITE SOLUTION

**Hazard Class:** 8

**UN/NA:** UN1791

**Packing Group:** III



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