

ChlorCid®
&
ChlorCid® V
Sodium Hypochlorite
Solution

Description:

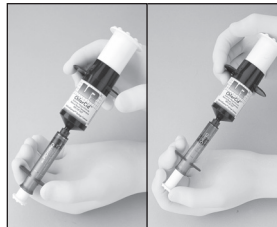
ChlorCid® is an aqueous solution not exceeding 3.0% sodium hypochlorite with surfactants. When control of application is critical, a more viscous ChlorCid V is available at the same concentration.

Indications:

Use ChlorCid and ChlorCid V as needed for irrigating, cleaning, and disinfecting root canal preparations.

Pre-Treatment Procedure:

1. Remove cap from the 30ml IndiSpense® syringe container.
2. Attach a pre-labeled unit dose syringe to the end of the IndiSpense syringe by turning the luer lock of the unit dose syringe snugly onto the male thread of the IndiSpense, as shown in Fig. 1.
3. With the palm grasp (Fig. 2), the plunger of the IndiSpense syringe is depressed, filling unit dose syringe to the desired level. To prevent unwanted discharge, the unit dose syringe is stabilized at the plunger with the nondominant hand. Slightly pull out on plunger of unit dose syringe to help loading. Do not express contents of unit dose syringe back into IndiSpense syringe. To prevent cross-contamination, a used syringe should not be reattached to the IndiSpense syringe. Dispense additional ChlorCid/ChlorCid V into a dappen dish, remove the tip and load the syringe by placing the end into solution while pulling back on plunger. Re-attach tip and dispense as needed.
4. Firmly twist a disposable NaviTip® or Endo-Eze® Irrigator tip onto unit dose syringe.
5. For optimum control, hold syringe with plunger in palm of hand rather than in conventional manner with thumb on plunger.



Figs. 1&2 A 5ml (shown here) or a 1.2ml unit dose syringe is twisted firmly onto the IndiSpense syringe. While supporting plunger of unit dose syringe with the nondominant hand, depress plunger of the IndiSpense and fill unit dose syringe to desired level.

Procedure:

1. After delivering File-Eze® EDTA chelating and filling lubricant into canal opening for first 2 or 3 files only, irrigate the chamber with ChlorCid/ChlorCid V (Fig. 3). Reapply ChlorCid/ChlorCid V and liquid EDTA as needed to effectively clean and lubricate canals after each file during instrumentation.
2. Repeat as necessary: Effervescence stops when all traces of File-Eze are completely rinsed out of canal.
Note: Chlorcid/Chlorcid V should be thoroughly rinsed from canal prior to obturation.
3. Just prior to drying preparation for obturation, rinse canal with EDTA solution or bacteria free water or anesthetic solution. We recommend using EDTA solution for one minute.

Precautions:

1. Do not allow volumes of material to be ingested.
For root canal and preparation cleaning, a rubber dam should be placed (we recommend DermaDam®). Collect extraneous material with proper vacuuming techniques.
2. Prevent placing on or near eyes. Rinse with water should this occur.
3. Do not express ChlorCid/ChlorCid V onto colored fabrics as it will bleach them.
Do not express and allow to remain on any colored surface such as counter tops. If contact occurs, rinse off immediately.
4. Do not use on patients with known sensitivities to sodium hypochlorite.
5. Remember to rinse ChlorCid V, per procedure step 3, prior to drying and obturation.
6. Do not extend EndoEze tips or NaviTips past apex or express ChlorCid/ChlorCid V past apex.
Pull back slightly with NaviTip to ensure space between tip and canal wall before delivering.

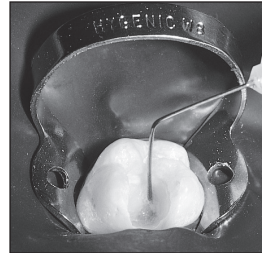


Fig. 3 After filing, dispense ChlorCid/ ChlorCid V sodium hypochlorite disinfecting solution from custom-loaded syringe and the tiny 27-gauge Endo-Eze Irrigator tip.

ULTRADENT[®]
PRODUCTS, INC.
MATERIAL SAFETY DATA SHEET

Controlled Product Yes No

SECTION I - IDENTIFICATION OF THE SUBSTANCE/PrePARATION AND OF THE COMPANY/UNDERTAKING

Material Name Chlorcid [®] & Chlorcid [®] V		Manufactured by Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use Cleaning and disinfecting agent.		Emergency Contact 1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date April 11, 2006		EC Representative
Prepared by: Iris McCallister		

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Sodium Hypochlorite	3%	LD ₅₀ 8910mg/kg Rat - Oral	007681-52-9

SECTION III - HAZARDS IDENTIFICATION

Adverse Human Effects: R31: Contact with acids liberates toxic gas. May cause severe eye irritation. May cause skin irritation. Irritating to mouth, and Symptoms: throat and stomach.

SECTION IV - FIRST AID MEASURES

Inhalation Remove to fresh air. If not breathing give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.	Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Skin Contact Wash with soap and water. Get medical attention if irritation develops or persists.	Ingestion If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

SECTION V - FIRE-FIGHTING MEASURES

Flammability If Yes, Under Which Conditions: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Protective Equipment for Firefighters N/A
Means of Extinction Water spray, fog or mist, foam, dry chemical, carbon dioxide	

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal and Environmental Do not allow to enter sewers or drains that may lead to waterways.
 Precautions
 Methods for
 Wipe up with damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

SECTION VII - HANDLING AND STORAGE

Handling Precautions
 Use suitable protective equipment.
 Storage Requirements
 Store at room temperature.

SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection S38: In case of insufficient ventilation, wear suitable respiratory equipment.	Eye Protection Safety glasses.
Hand Protection Wear suitable protective clothing and gloves.	Skin Protection S36/37: Wear suitable protective clothing and gloves.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance Colorless to slight yellow gel	Solubility in Water Completely	Melting Point/Range N/A
Odor Suffocating	pH Basic	Other Data N/A

SECTION X - STABILITY AND REACTIVITY

Chemical Stability
 Conditions and Materials to Avoid
 Incompatible with: Ammonia, reducing agents, combustible materials, organic materials, acids
 Hazardous Decomposition Products
 N/A

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input type="checkbox"/> Ingestion	
Effects and Symptoms of Short-Term Exposure Eye: May be mildly irritating to eyes. Skin: May cause slight irritation.	
Chronic Effects and Symptoms of Long-Term Exposure Skin: Irritation. Eye: Irritation. Ingestion: Irritation.	
Sensitization N/A	Irritancy of Product Slight

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability
 Yes
 Further Details
 None

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in compliance with governmental regulation (ED 1975L0442-20/11/2003)

SECTION XIV - TRANSPORT INFORMATION

Hazard Class: 8, Packing Group: III, Special Provisions: 223
 Air (ICAO/IATA) Primary Hazard Class/Division: 8+6.1, Packing Group: III, Special Provisions: 223
 Vessel (IMO/IMDG) Primary Hazard Class/Division: 8, Packing Group: III, Special Provisions: 223

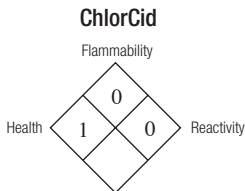
SECTION XV - REGULATORY INFORMATION

C - Corrosive, R31: Contact with acids liberates toxic gas.
 N - Dangerous for the environment. S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

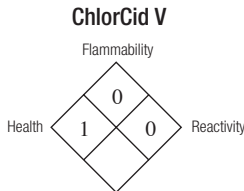
SECTION XVI - OTHER INFORMATION

FOR DENTAL USE ONLY. Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. For unbranded copy of this MSDS please go to www.ultradent.com.

Ultradent syringes have an expiration date stamped on the side of the syringe consisting of one letter and three numbers. The letter is a lot number used for manufacturing purposes and the three numbers are the expiration date. The first two numbers are the month, and the third number is the last number of the year.



MSDS Included.



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HAZARD RATING

- 4 = Extreme
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

Shelf life: 18 months.
Store at room temperature.

U.S. Federal law restricts this device to sale by or on the order of a state licensed dental professional.
Keep out of reach of children.

For immediate order and/or complete descriptions of Ultradent's product line, refer to Ultradent's catalog or call Toll Free: **1-800-552-5512**.
Outside U.S. call (801) 572-4200,
or visit www.ultradent.com.

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U.S. Patent No.: 5,697,918. U.S. and International Patents Pending.

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