

**Consepsis® &
Consepsis® V**
Chlorhexidine
Antibacterial Solution**Description:**

Consepsis® is a lightly flavored 2.0% chlorhexidine gluconate disinfecting solution.

Note: Chlorhexidine hand soaps can adversely affect bond strength of dentin bonding agents. Consepsis contains no surfactants or emollients that interfere with bond strength.

Consepsis® V is a lightly flavored 2.0% chlorhexidine gluconate disinfecting solution that is more viscous than regular Consepsis. Consepsis V is specifically designed for endodontic disinfecting purposes only.

Indications:

Consepsis liquid is used before crown cementation (temporary and/or permanent) and for restorative preparations of crowns, inlays, and composites. Consepsis is a demonstrated, quality wetting agent for bonding, and increasing bond strengths.^{1,2} Consepsis is recommended for procedural endodontic disinfection, as a final endodontic rinse prior to canal obturation (see EndoREZ® instruction) and as an antimicrobial prior to pulp capping.³ Consepsis helps prevent the influx of micro-organisms into dentinal tubules.⁴ A clinician can reduce potential post-op pulpitis and sensitivity by thoroughly cleaning and disinfecting preparations with Consepsis before sealing and restoring.

Consepsis V's viscosity enables the material to be placed and retained in the canal without quickly running out.

Note: Do not use Consepsis or Consepsis V in a root canal which is wet with sodium hypochlorite, as a brown precipitate will form.

Pre-Treatment Procedure:**A. Using 1.2ml prefilled syringes:**

1. Remove Luer Lock cap from syringe.
2. Twist disposable tip firmly onto syringe:
Consepsis: Use a Black Mini® Brush tip or a Blue Mini® Dento-Infuser® tip.
3. For optimum control, hold syringe in palm of hand rather than in conventional manner with thumb on plunger (Fig. 1).

B. Using 30ml IndiSpense® System:

1. A pre-labeled unit dose syringe is attached to the end of the large, no-waste IndiSpense syringe by turning the Luer Lock of the unit dose syringe snugly onto the male thread of the IndiSpense (Fig. 2).
2. Using the palm grasp (Fig. 3) the plunger of the IndiSpense syringe is depressed while the unit dose syringe is stabilized at the plunger with the non-dominant hand.
To prevent cross-contamination, a used syringe should not be reattached to the IndiSpense syringe. Do not express contents of unit dose syringe back into the IndiSpense syringe.
3. If not using the pre-loaded syringe immediately, replace Luer Lock cap until ready for use.
4. Before use, twist recommended tip firmly onto the unit dose syringe. (Tip recommendation: Consepsis: See A.2. Above, Consepsis V: Black Micro® FX or Inspiral® Brush Tip.)

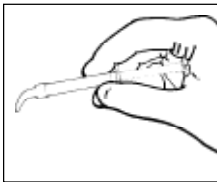
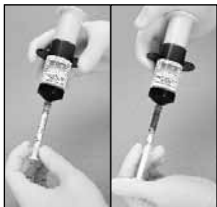


Fig. 1 Hold plunger in palm of hand for optimal control.



Figs. 2 & 3 A 1.2ml unit dose syringe is twisted firmly onto the IndiSpense syringe. Slightly depress plunger of IndiSpense and fill unit dose syringe to desired level.

Procedure:

A. *Consepsis*

1. When placing direct-placed or resin-luted restorations, etch the surfaces to be bonded before applying *Consepsis*. Dispense a small amount of *Consepsis* and thoroughly rub preparation (Figs. 4 and 5). Air dry. Do not rinse.
*Note: Some clinicians instruct to etch, disinfect, and then apply bonding primers. Our tests have demonstrated no reduction in bond strength whether *Consepsis* is placed before or after etching. Our testing has also shown a slight gain in bond strength by moistening dentin with *Consepsis* followed by removal of excess moisture on surface only and placement of A/B Primers.*
2. Remove excess fluid to obtain a moist dentin surface (for recommended "wet" bonding techniques see PQ1® or PermaQuick® bonding systems instructions).
3. Continue with appropriate bonding technique according to instructions.



Fig. 4 Preparations are disinfected by applying *Consepsis* with a Black Mini Brush tip.



Fig. 5 With the Blue Mini Dento-Infusor tip attached, disinfect preparation with *Consepsis* liquid before temporary cementation.

Consepsis Treatment Notes:

1. For composite and amalgam preparations, etc., treat surfaces the same as temporary crown cementation. Place appropriate dentin liner and/or base as needed (Ultra-Blend® plus™ is recommended).
2. For composites, resin luting, amalgams, and glass ionomers, disinfect before or after etching and bonding with a quality bonding agent such as PQ1 or PermaQuick.
3. For disinfecting close to pulp, gently scrub with *Consepsis* liquid for 60 seconds. Gently air dry (don't rinse). Follow with application of Ultra-Blend plus, Ultra-Etch® 35% phosphoric acid and a bonding agent to seal the dentin.⁵
Use all materials according to their instructions.

B. *Consepsis V*

1. Upon completion of cleaning and shaping canals, rinse with *Consepsis V*. Leave *Consepsis V* in canals for 60 seconds.
2. Rinse thoroughly with sterile water, or EDTA.
3. Dry completely with Ultradent Luer Vacuum Adapter and paper points.
4. Obtrurate with materials of choice.

Consepsis/Consepsis V Precautions:

1. Tips are disposable; do not reuse.
2. Do NOT allow volumes of material to be ingested. Collect extraneous material with proper vacuuming techniques.
3. DO NOT use on patients with known sensitivity to chlorhexidine.
4. Use Ultradent® Syringe Covers for a protective barrier to prevent cross-contamination.
5. *Consepsis V* is specifically designed for endodontic disinfecting purposes only.

1 Cao, D., Hollis, R., Christensen, G.J., Christensen, R.P., "Effect of Tooth Disinfecting Procedures on Dentin Shear Bond Strength," Journal of Dental Research, Vol. 74 (AADR Abstract #493) CRA reports to IADR (AADR) San Antonio Meeting, March 1995.

2 Dickinson, G., Smith, C., Morris, C., Murphy, S., "New Universal Bonding Systems for Aesthetic Restorations," Practical Periodontics & Aesthetic Dentistry, June/July 1995.

3 "Clinically Significant Research," Clinical Research Associates Newsletter, Volume 18, Issue 4, April 1994.

4 Brännström, M., "Infection beneath composite resin restoration: Can it be avoided?" Operative Dentistry, Autumn, 1987;12(4); 158-163.

5 Pameijer, C., D.M.D., Ph.D., Histopathology Study with Ultra-Blend, 1998 (unpublished).

MATERIAL SAFETY DATA SHEET

 Controlled Product Yes No
SECTION I - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material Name Consepsis® & Consepsis® 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
Chlorhexidine Gluconate	2%	No toxic effect noted	18472-51-0

SECTION III - HAZARDS IDENTIFICATION

 Adverse Human Effects and Symptoms
 May dry out skin.

SECTION IV - FIRST AID MEASURES

Inhalation N/A	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 large amounts are swallowed, give 3-4 glasses of water.

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 N/A	

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal & Environmental Precautions None	Handling Precautions Use suitable protective equipment.
Methods for Cleaning Wipe up with cloth and water.	Storage Requirements Store at room temperature.

SECTION VII - HANDLING AND STORAGE
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection N/A	Eye Protection Safety glasses.
Hand Protection Wear suitable protective clothing and gloves.	Skin Protection Wear suitable protective clothing and gloves.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance Consepsis: Light green liquid. Consepsis V: Light green gel.	Solubility in Water Completely	Melting Point/Range Not defined
Odor Mint odor	pH ~ 6.0	Other Data N/A

SECTION X - STABILITY AND REACTIVITY

Chemical Stability Conditions and Materials to Avoid Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hazardous Decomposition Products Ammonia, hydrogen chloride, oxides of carbon and nitrogen
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SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion	Irritancy of Product Slight.
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	

SECTION XII - ECOLOGICAL INFORMATION

Biodegradability Yes	Method of Waste Disposal Dispose of in compliance with governmental regulation (ED 1975L0442-20/1/2003)
Further Details None	

SECTION XIII - DISPOSAL CONSIDERATIONS
SECTION XIV - TRANSPORT INFORMATION

Not regulated.

SECTION XV - REGULATORY INFORMATION

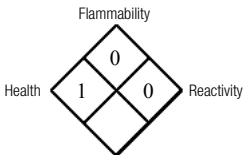
Not defined.

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.

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.

Consepsis & Consepsis V



MSDS Included

HAZARD RATING

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

Store at room temperature.
Consepsis Shelf life: 48 months
Consepsis V Shelf life: 24 months

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 reorder 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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