

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFT 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List) <b>Calasept®</b>	Note: Blank Spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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### Section I

Manufacturer's Name <b>Nordiska Dental AB</b>	Emergency Telephone Number <b>203-438-8832</b>
Distributed By <b>JS Dental Manufacturing, Inc.</b>	Telephone Number for Information <b>203-438-8832</b>
Address (Number, Street, City, State, Zip Code) <b>196 North Salem Road</b>	Date Prepared <b>March 2001</b>
<b>Ridgefield, CT 06877 U.S.A.</b>	Signature of Preparer (Optional)

### Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Calcium Hydroxide – Ca(OH)<sub>2</sub></b> (calcium hydrate, slaked lime)				
<b>Barium Sulfate</b>				

### Section III – Physical/Chemical Characteristics

Boiling Point (-H <sub>2</sub> O)	<b>580°C</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>2.343</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water	<b>0.19gm/100ml H<sub>2</sub>O at 0°C</b>		
Appearance and Odor	<b>Fine, white paste; odorless</b>		

### Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) <b>N/A</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Any media suitable for extinguishing supporting fire.</b>			
Special Fire Fighting Procedures <b>Wear self contained breathing apparatus.</b>			

Unusual Fire and Explosion Hazards  
**None**

## Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid <b>Contact with acids.</b>
	Stable	<b>X</b>	

Incompatibility (*Materials to Avoid*)

**Acids, Maleic, Anhydride, Nitromethane, Nitroparafins**

Hazardous Decomposition or Byproducts

**None**

Hazardous Polymerization	May Occur		Conditions to Avoid <b>N/A</b>
	Will Not Occur	<b>X</b>	

## Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? <b>N/A</b>	Skin? <b>X</b>	Ingestion? <b>X</b>
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Health Hazards (*Acute and Chronic*)

**Calasept has a pH value of 12.4; prolonged contact may cause burns or be an irritant to the skin, eyes, and cases of ingestion.**

Carcinogenicity:	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
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Signs and Symptoms of Exposure

**Skin rash, eye irritation.**

Medical Conditions

Generally Aggravated by Exposure **Contact with skin or eye – Flush well with water, contact physician.**

**Ingestion – Do not induce vomiting. Dilute with large quantities of milk or water.**

Emergency and First Aid Procedures

**Contact a physician.**

## Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

**Flush with water down drain.**

Waste Disposal Method

**Flush with water down drain.**

Precautions to Be Taken in Handling and Storing

**See enclosed directions. Store at room temperature in cool, dry place.**

Other Precautions

**None**

## Section VIII – Control Measure

Respiratory Protection (*Specify Type*)

**N/A**

Ventilation	Local Exhaust <b>N/A</b>	Special <b>N/A</b>
	Mechanical ( <i>General</i> ) <b>N/A</b>	Other <b>N/A</b>

Protective Gloves

**Latex gloves**

Eye Protection

**Safety goggles**

Other Protective Clothing or Equipment

**Lab coat or coveralls.**

Work/Hygienic Practice

**Wash hands with water and soap after using.**