

# MATERIAL SAFETY DATA SHEET

## Septocaine™

### GENERAL INFORMATION

Product Name: [REDACTED]™ (Articaine hydrochloride 4% with epinephrine 1:100,000) [REDACTED]

Distributor:

Name: Septodont, Inc.  
Address: 245 C Quigley Blvd., New Castle, DE 19720  
Telephone: (302) 328-1102  
Facsimile: (302) 328-5653

Emergency phone number: (519) 623-0506 ext307

### HAZARDOUS INGREDIENTS/INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV
Articaine Hydrochloride	Not Listed	Not Listed
Epinephrine Tartrate*	Not Listed	Not Listed
Sodium Metabisulfite	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

\* Listed as hazardous in the EPA regulations. However the concentration of epinephrine in this product is extremely low (1:100,000)

### PHYSICAL CHARACTERISTICS

Physical Form - Liquid  
Color - Colorless  
Odor - Odorless  
Specific Gravity - 1.0  
Boiling Point -> 100°C  
Solubility (water) - Freely soluble  
pH - 2.8-5.0  
Vapor Pressure at 20°C - 18 mm Hg  
Vapor Density (Air=1) - 0.6

### FIRE AND EXPLOSION HAZARD DATA

Flash point: None, non-combustible liquid  
Extinguishing Media: Use appropriate agent for adjacent fire  
Special fire fighting protective equipment: none  
Unusual fire and explosion hazards: none

### STABILITY AND REACTIVITY

Stability: Stable during its shelf life in recommended conditions.  
Incompatibility: None with common materials and contaminants with which the material may reasonably come into contact with. Material may be incompatible with strong oxidizing agents.  
Hazardous Polymerization: None.  
Hazardous Decomposition: When heated to decomposition, material may emit toxic fumes.

HEALTH HAZARD DATA

Potential Contact and Routes of Entry	Inhalation: Unlikely route of exposure Skin contact: Harmful if absorbed through skin Ingestion: Harmful if swallowed Eye contact: May cause irritation. Reaction may be more serious if eyes are not immediately irrigated
Basis of Health Hazard Determination	Product as a whole.
Health Hazards	Components of this product may be absorbed through mucous membranes and cause local anesthesia in the exposed area. Ingestion and systemic absorption may cause acute toxic effects on the central nervous system and on the cardiovascular system.
Symptoms of Exposure	Systemic effects may include restlessness, anxiety, dizziness, blurred vision, tremors, depression or drowsiness.
Medical Conditions Generally aggravated by Exposure	Hypersensitivity to local anesthetics of the amide type.
Emergency and First Aid Procedures	Call a physician. Medical attention should include maintenance of breathing and control of convulsions if they occur.
Carcinogenicity	Not listed.

PRECAUTIONS FOR SAFE HANDLING AND USAGE

Steps to take if spill occurs: Ensure personal protection during removal of spillage. Clean up spills with normal procedures used for non-hazardous liquids.

Waste Disposal method: Dispose as a non-hazardous waste, flush with plenty of water.

Precautions with handling and storing: No special precautions are necessary when handling packaged product. In case of accidents, avoid contact with eyes, skin and clothing. Keep container closed when storing and protect from light.

CONTROL MEASURES

Respiratory Protection: None normally required

Ventilation: Local exhaust is normally sufficient.

Protective clothing: Gloves as required for dental care

Eye Protection: Safety glasses or goggles as required

Other protective equipment: None normally required

Work/Hygienic Practices: Avoid ingestion and contact with eyes

COMMENTS

This data sheet completes the technical notices but does not supersede them. The information in it is grounded on the statement of our knowledge of the product concerned at publishing date. Moreover, user's attention should be drawn on the possible risks incurred when a product is used for other purposes than those for which it has been designed.

Septodont, Inc.  
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New Castle, DE 19720

Phone (302) 328-1102

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