

# DENTSPLY 3% CITANEST WITH OCTAPRESSIN

Chemwatch Material Safety Data Sheet

Issue Date: 26-Oct-2006

C9317TC

CHEMWATCH 4625-57

Revision No:2.0

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

DENTSPLY 3% CITANEST WITH OCTAPRESSIN

### SYNONYMS

"Citanest 3% with Octapressin Dental Cartridges"

### PRODUCT USE

Local dental anaesthetic for use by injection.

### SUPPLIER

Company: Dentsply (Australia) Pty Ltd (ABN: 15 004

290 322)

Address:

11- 21 Gilby Road

Mount Waverley

VIC, 3149

AUS

Telephone: +61 3 9538 8240

Emergency Tel: 0413 830 239

Fax: +61 3 9538 8260

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

S4

### RISK

Risk of serious damage to eyes.

### SAFETY

Do not breathe gas/fumes/vapour/spray.

To clean the floor and all objects contaminated by this material, use water.

Take off immediately all contaminated clothing.

If swallowed, IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
prilocaine hydrochloride	1786-81-8	3.0

## Section 4 - FIRST AID MEASURES

### SWALLOWED

- For advice, contact a Poisons Information Centre or a doctor at once.
- Urgent hospital treatment is likely to be needed.

### EYE

If this product comes in contact with the eyes:

- Immediately hold eyelids apart and flush the eye continuously with running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

### SKIN

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear

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Section 4 - FIRST AID MEASURES

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- Flush skin and hair with running water (and soap if available).

## INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

## NOTES TO PHYSICIAN

Treat symptomatically.

Metabolism of amide-type anaesthetics occurs in the liver and in some cases in the kidney. Because these undergo extensive and rapid hepatic metabolism, only about 1/3 of an oral dose reaches the systemic circulation.

When systemic reaction to local anaesthetic occurs, steps should be taken to maintain circulation and respiration and control convulsions. A clear airway should be established and oxygen given together with assisted ventilation if necessary.

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## Section 5 - FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

Use extinguishing media suitable for surrounding area.

- There is no restriction on the type of extinguisher which may be used.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.

### FIRE/EXPLOSION HAZARD

- Non combustible.
- Not considered to be a significant fire risk.

Other decomposition products include:

carbon dioxide (CO<sub>2</sub>).

hydrogen chloride.

nitrogen oxides (NO<sub>x</sub>).

### FIRE INCOMPATIBILITY

None known.

HAZCHEM: None

### Personal Protective Equipment

Gloves, boots (chemical resistant).

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### EMERGENCY PROCEDURES

#### MINOR SPILLS

- Clean up all spills immediately.
  - Avoid breathing vapours and contact with skin and eyes.
- Take care to avoid needles and broken containers.

#### MAJOR SPILLS

Moderate hazard.

- Clear area of personnel and move upwind.
  - Alert Fire Brigade and tell them location and nature of hazard.
- Take care to avoid needles and broken containers.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.

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Section 7 - HANDLING AND STORAGE

## SUITABLE CONTAINER

Packaging as recommended by manufacturer.  
- Check that containers are clearly labelled.

## STORAGE INCOMPATIBILITY

None known.

## STORAGE REQUIREMENTS

Protect from light.  
- Store in original containers.  
- Keep containers securely sealed.  
Keep cool. Store below 25 deg.C.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE CONTROLS

The following materials had no OELs on our records

- prilocaine hydrochloride: CAS:1786-81-8

### PERSONAL PROTECTION

#### EYE

- Safety glasses with side shields.
- Chemical goggles.

#### HANDS/FEET

Wear chemical protective gloves, eg. PVC.

#### OTHER

- Overalls.
- P.V.C. apron.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

For further information consult site specific  
CHEMWATCH data (if available), or your  
Occupational Health and Safety Advisor.

### ENGINEERING CONTROLS

Use in a well-ventilated area.

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

Clear, odourless liquid; mixes with water.

### PHYSICAL PROPERTIES

Liquid.  
Mixes with water.

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Miscible  
pH (1% solution): Not Available  
Volatile Component (%vol): Not Available  
Relative Vapour Density (air=1): Not Available  
Lower Explosive Limit (%): Not Applicable  
Autoignition Temp (°C): Not Available  
State: Liquid

Boiling Range (°C): Not Available  
Specific Gravity (water=1): 1.0 (water)  
pH (as supplied): 3.3-5.5  
Vapour Pressure (kPa): Not Available  
Evaporation Rate: Not Available  
Flash Point (°C): Not Applicable  
Upper Explosive Limit (%): Not Applicable  
Decomposition Temp (°C): Not Available  
Viscosity: Not Available

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## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

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### CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.

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## Section 11 - TOXICOLOGICAL INFORMATION

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### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

Risk of serious damage to eyes.

#### CHRONIC HEALTH EFFECTS

### TOXICITY AND IRRITATION

Not available. Refer to individual constituents.

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances

### PRILOCAINE HYDROCHLORIDE:

#### TOXICITY

Parenteral (man) LDLo: 12.43 mg/kg/1h - I Nil

#### Reported

Intraperitoneal (rat) LD50: 148 mg/kg

Subcutaneous (rat) LD50: 790 mg/kg

Intravenous (rat) LD50: 56.6 mg/kg

Intraperitoneal (mouse) LD50: 30 mg/kg

Subcutaneous (mouse) LD50: 632 mg/kg

Intravenous (mouse) LD50: 55 mg/kg

Intravenous (rabbit) LD50: 18 mg/kg

Intratracheal (rabbit) LD50: 65 mg/kg

Altered sleep-time, convulsions recorded.

#### IRRITATION

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## Section 12 - ECOLOGICAL INFORMATION

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No data

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## Section 13 - DISPOSAL CONSIDERATIONS

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- Recycle wherever possible.
- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
- Containers may still present a chemical hazard/ danger when empty.
- Return to supplier for reuse/ recycling if possible.

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## Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM: None

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:UN

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## Section 15 - REGULATORY INFORMATION

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POISONS SCHEDULE: S4

### REGULATIONS

pilocaine hydrochloride (CAS: 1786-81-8) is found on the following regulatory lists;  
Australia - Australian Capital Territory Environment Protection Regulation

Domestic water quality standards - Inorganic

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Section 15 - REGULATORY INFORMATION

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## chemicals

Australia - Australian Capital Territory Environment Protection Regulation (Irrig)	Pollutants entering waterways - Agricultural uses
Australia - Australian Capital Territory Environment Protection Regulation (Stock)	Pollutants entering waterways - Agricultural uses
Australia - Australian Capital Territory Environment Protection Regulation quality	Pollutants entering waterways - Domestic water
Australia Inventory of Chemical Substances (AICS)	
Australia Poisons Schedule	
WHO Guidelines for Drinking-water Quality - Chemicals for which guideline values have not been established	

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## Section 16 - OTHER INFORMATION

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### Denmark Advisory list for selfclassification of dangerous substances

Substance	CAS	Suggested codes
prilocaine hydrochloride	1786- 81- 8	Xn; R22 Carc3; R40 R43

### EXPOSURE STANDARD FOR MIXTURES

4625-57

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