SAFETY DATA SHEET

Product name: **CALASEPT CHX 2%**

SDS Drawn up: 2010-10-04 SDS Revised: 2010-10-28

1. Identification of the substance / preparation and of the company

Trade name: **CALASEPT CHX 2%**
Chemical name: Chlorhexidine digluconate
Field of application: Rinsing solution for endodontic treatment in dentistry

Supplier: **Nordiska Dental AB**

Postal address:	Box 1082	Telephone no:	+46 431 443 360
Postcode and town:	S-262 21 Ängelholm	Fax no:	+46 431 443 399
Country:	Sweden	E-mail:	mail@nordiskadental.se
Emergency telephone:	+46 431 443 360	Contact:	Ewa-Lotte Pedersen

2. Hazards identification

Classification: Not harmful..
Classification according to EU Regulation 1272/2008: The composition is not classified as hazardous.
Label information: The product does not need to be labelled in accordance with EU directives.

3. Composition / information on ingredients

Component	CAS-no	Einecs-no	Content (%)	Classification
Chlorhexidine digluconate	18472-51-0	242-354-0	2	-

4. First aid measures

Inhalation: Fresh air
Skin contact: Rinse immediately with plenty of water. If the symptoms remain, seek medical advice.
Eye contact: Keep the eyelids open and rinse immediately with plenty of water. Call hospital and continue with the treatment to the ophthalmologist is reached.
Ingestion: Rinse with water. Drink water in small sips.
Further information: Never give any food and/or drink to an unconscious person. Please show this safety data sheet to the doctor on duty. Get medical attention in case of uncertainty.

5. Fire-fighting measures

The product is not combustible:
Suitable extinguishing media: Use carbon dioxide, foam, powder or water spray. Containers close to fire should be removed or cooled with water.
Extinguishing media which must not be used: Use extinguishing media based on other products and chemicals stored in the vicinity of this product.
Specific risks related to the product itself, combustion products or resulting gases: No known.
Hazardous Decomposition Products: Carbon dioxide.

6. Accidental release measures

Personal precautions: Avoid contact with eyes and skin.
Environmental precautions: Do not discharge into drains, contain with sand, kiselgur or other suitable medium and collect.

7. Handling and storage

Handling: The product must be handled carefully in accordance with a healthy practice in the workplace. Avoid inflicting damage on the packing.
Storage: Store cold, not >25 ºC. Protect from light.

8. Exposure controls / personal protection

Exposure limit values: -

Exposure controls: All work should be carried out in accordance with strict hygiene practises. All work should take place in suitable premises, in accordance with the existing legislation and regulations. Avoid substance contact. See also heading 7. Handling and storage.

Limitation of exposure in the workplace:

- **respiratory protection:** Not required if treated properly.
- **hand protection:** In case of direct contact with the substance use gloves of rubber or PVC.
- **eye protection:** In case of direct contact with the substance, eye protection should be used. Make eye wash possible.
- **skin protection:** In case of direct contact with the substance use protective clothing.

Environmental exposures: Avoid release to the environment.

9. Physical and chemical properties

General information:

- Appearance: Colourless to pale yellow liquid.
- Odour: Odourless.

Important health, safety and environmental information:

· pH:	5,5 - 7	· Boiling point/interval:	100°C
· Flash point:	--	· Flammability (solid, gas):	--
· Explosive properties:	--	· Oxidizing properties:	--
· Vapour pressure:	--	· Density, kg/m³:	1060 – 1070
· Solubility in water:	Mixable.	· Solubility in organic solvents:	acetone and ethanol
· Vapour density:	--	· Evaporation rate:	--
· Partition coefficient: n-octanol/water:	--	· Viscosity:	--

10. Stability and reactivity

Conditions to avoid: Stable under normal conditions.

When heated to decomposition produces toxic fumes of chlorine and nitrogen oxides.

11. Toxicological information

Human health effects and symptoms:

- **inhalation:** Under normal use, no danger
- **ingestion:** May be irritating to the lining of the esophagus and the stomach. For concentrated chlorhexidinedigluconat:LD_{50}oral rat, 2000 mg/kg.
- **Skin contact:** Under normal use, no danger. May cause skin irritation in sensitive individuals after repeated and/or prolonged contact
- **eye contact:** Eye contact may cause transient mild stinging
- **Further information:** Carcinogenicity and teratogenicity: No indications.

12. Ecological information

Toxicity: No data available.

Biodegradation: Biodegradable

Bioaccumulation: No bioaccumulation potential

13. Disposal considerations

Product: Disposed of in compliance with local and national regulations.

Contaminated packaging: Should be dispose of as normal waste, incineration.

14. Transport information

The product is not dangerous goods. No special transport conditions are required.

ADR/RID

Not dangerous goods

ICAO/IATA

Not dangerous goods

IMO/IMDG

Not dangerous goods

15. Regulatory information

Health, safety and environmental information shown on the label:
The product is not labelled. It must be used according to manufacturer's recommendations and managed by medically qualified person.

Precautions: P102; Keep out of reach of children + P405; Store locked up.
P305; IF IN EYES + P351; Rinse cautiously with water for several minutes + P314; Get medical advice /attention if you feel unwell.

Further information: Safety Data Sheet according to REACH 1907/2006/EC. Classification and Labelling (CLP) EU Regulation 1272/2008. This product meets the demands of MDD 93/42/EEC. The product is CE-marked.

16. Other information

Reason for update of the safety data sheet: Update to the new regulation EU 1272/2008 (CLP).

The information in this safety data sheet is based upon our present knowledge. The information is presented with the intention of describing the safest way of handling the product. The safety data sheet is therefore not to be regarded as a complete chemical description of the product. Consequently, the user is responsible for making sure that the product is meant to be used in the actual field of application and that it serves the purpose intended.