

SAFETY DATA SHEET

Product name: **NOBETEC LIQUID**

SDS Drawn up: 2002-11-26 SDS Revised: 2012-03-01

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

Trade name: NOBETEC LIQUID
Chemical name: -
Field of application: Dental temporary cement
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: Harmful

Adverse physicochemical effects: Development of hazardous combustion gases or vapours in the event of intense heating.

Adverse human health effects: Harmful if swallowed, may cause e.g. nausea, vomiting, diarrhoea, ataxia (impaired locomotor coordination), muscular weakness, spasms, insomnia. Skin contact may cause skin sensitization.

Adverse environmental effects:-

Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008:

Acute toxicity, oral (Category 4), Skin irritation (Category 2), Eye irritation (Category 2), Respiratory sensitization (Category 1), Skin sensitization (Category 1), Specific target organ toxicity - single exposure (Category 3).

According to European Directive 67/548/EEC as amended:

Harmful if swallowed. irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact.

Label information



Pictogram

Signal word Danger

Hazard statements

H302 Harmful if swallowed, H315 Causes skin irritation, H317 May cause an allergic reaction, H319 Causes serious eye irritation, H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation .

Precautionary statements

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spr., P280 Wear protective gloves, P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

3. Composition / information on ingredients

Component	CAS-No	Einecs-No	Content (%)	Classification*
Eugenol	97-53-0	202-589-1	30-70	Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; Resp. Sens. 1; Skin Sens. 1; STOT SE 3; H302, H315, H317, H319, H334, H335 *
Canada balsam	8007-47-4	232-362-2	30-70	-
Peruvian balsam	8007-00-9	232-352-8	5-10	-

* The full wordings of the phrases are listed in section 16.

4. First aid measures

Inhalation: Fresh air, rest and keep warm.

Skin contact: Remove contaminated clothing. Wash off with plenty of water. Get medical attention in case of persistent symptoms.

Eye contact: Keep the eyelids wide apart and flush with plenty of water for at least 15 minutes. Get medical attention in case of persistent symptoms.

Ingestion: Drink plenty of water. Induce vomiting, provided that the person is fully conscious. Get medical attention as soon as possible.

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

Suitable extinguishing media: Powder or foam.

Extinguishing media which must not be used:-

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment: Protective equipment in compliance with national regulations.

6. Accidental release measures

Personal precautions: Avoid substance contact. Do not inhale vapours/aerosols. Avoid generation of dusts; do not inhale dusts.

Environmental precautions: Do not allow to enter sewerage system.

Methods for cleaning up: Take up with inert liquid-absorbent material. Clean up affected area. Spillage and waste from the cleaning-up procedure should be disposed of according to local regulations and national legislation.

7. Handling and storage

Handling: The product should be handled with care and in accordance with strict hygiene practises. Avoid inflicting damage on the packaging.

Storage: Keep in a tightly closed container, stored in a dry, well ventilated area. Recommended storage temperature < 25°C. Avoid inflicting damage on the packaging. Keep away from sources of ignition and heat.

8. Exposure controls / personal protection

Exposure limit values:-

Exposure controls: All work should take place in well ventilated areas, and 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. Do not inhale vapours/aerosols/dusts. See also heading 7. Handling and storage.

Occupational exposure controls:

- **respiratory protection:** Protective measures, e.g. a mask, could be needed.
- **hand protection:** Protective gloves should be used in order to avoid exposure.
- **eye protection:** Eye protectors should be used in order to avoid exposure.
- **skin protection:** Protective clothing should be used in order to avoid exposure.

Environmental exposure controls:-

9. Physical and chemical properties

General information:

- Appearance: Dark liquid.
- Odour: Spicy odour.

Important health, safety and environmental information:

- | | |
|---|-----------------------------------|
| · pH: | · Boiling point/interval: |
| · Flash point: | · Flammability (solid, gas): |
| · Explosive properties: | · Oxidising properties: |
| · Vapour pressure: | · Density: |
| · Water solubility: Insoluble. | · Solubility in organic solvents: |
| · Vapour density: | · Evaporation rate: |
| · Partition coefficient: n-octanol/water: | · Viscosity: |

10. Stability and reactivity

Conditions to avoid: Intense heat.

Materials to avoid:-

Hazardous decomposition products:-

11. Toxicological information

Dangerous-to-health effects and symptoms related to:

- **inhalation:** Irritations of the mucous membranes, coughing and dyspnoea. Drowsiness.
- **ingestion:** May cause e.g. nausea, vomiting, diarrhoea, ataxia (impaired locomotor coordination), muscular weakness, spasms, insomnia.
- **skin contact:** May cause irritations. Recurrent exposure to Peruvian balsam may cause skin sensitization.
- **eye contact:** May cause irritations.

12. Ecological information

Ecotoxicity: Eugenol: LC₅₀ (P. promelas): 24 mg/L/96 h. LC₅₀ (inhalation, rat): > 2580 mg/m³/4 h. LD₅₀ (oral, rat): 1930 mg/Kg. Canada balsam: LD₅₀ (oral, rat): > 5000 mg/Kg. Peruvian balsam: LD₅₀ (dermal, rabbit): > 10000 mg/Kg. LD₅₀ (oral, rat): 2360 mg/Kg.

Mobility:-

Persistence and degradability:-

Bioaccumulative potential:-

Other adverse effects:-

13. Disposal considerations

Product: Should be disposed of in accordance with local regulations and national legislation.

Contaminated packaging: Should be disposed of in accordance with local regulations and national legislation.

14. Transport information

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods.

15. Regulatory information

Health, safety and environmental information shown on the label:

According to GHS (CLP):

Pictogram:



Signal word

Danger

Hazard statements:

H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P280 Wear protective gloves. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

According to European Directive 67/548/EEC as amended::

Hazard symbols:



Categories of danger: Xn, Harmful
Risk phrases: R22 Harmful if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R42/43 May cause sensitization by inhalation and skin contact.

Safety phrases: S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves
S46 If swallowed, seek medical advice immediately and show this container or label.

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

16. Other information

Full wording of the phrases referred to in section 3.

Acute Tox. Acute toxicity: Skin irrit.. Irritating to the skin; Eye irrit.. Eye irritation; Resp. Sens. Respiratory Sensitization ; Skin Sense. Skin sensitization, STOT SE Specific target organ toxicity - single exposure
H302 Harmful if swallowed, H315 Causes skin irritation , H319 Causes serious eye irritation; H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled; H335 May cause respiratory irritation
Xn Harmful: R22 Harmful if swallowed; R36/37/38 Irritating to eyes, respiratory system and skin.
R42/43 May cause sensitization by inhalation and skin contact.

Sources of key data: Swedish National Chemicals Inspectorate, Swedish Work Environment Authority, Eur-Lex European Union law.

The safety data sheet is revised in order to: Classification and labeling according to Regulation (EC) No 1272/2008 and the European Directive 67/548/EEC as amended.

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.