

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : DT Temporary Dressing
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : temporary filling material
Use of the substance/mixture : dentistry

Title	Use descriptors
DT Temporary Dressing	SU20

Full text of use descriptors: see section 16

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Dental Therapeutics AB
Paviljongvägen 3-5
SE-13240 SALTSJO-BOO - SWEDEN
T 0046-87168141

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1A H314
Serious eye damage/eye irritation, Category 1 H318
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS05



GHS07

Signal word (CLP)

: Danger

Hazardous ingredients

: calcium dihydroxide

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation

Precautionary statements (CLP)

: P260 - Do not breathe dust, mist
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P310 - Immediately call a doctor, a POISON CENTER
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing
P403+P233 - Store in a well-ventilated place. Keep container tightly closed

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
calcium dihydroxide	(CAS No) 1305-62-0 (EC no) 215-137-3 (REACH-no) 01-2119475151-45	30 - 50	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first-aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. Call a doctor.
- First-aid measures after inhalation : Nose and mouth rinse with clean water. Assure fresh air breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Consult a doctor/medical service.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Consult a doctor/medical service.
- First-aid measures after ingestion : Immediately give plenty of water. Give milk to drink. Do NOT induce vomiting. Immediately consult a doctor/medical service.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Effects of contact or inhalation might be delayed.
- Symptoms/injuries after skin contact : May cause severe chemical burns to skin and cornea.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : On heating/burning: release of toxic and corrosive gases/vapours nitrous vapours mercury vapours. Contact with metallic substances may release flammable hydrogen gas.

5.3. Advice for firefighters

- Firefighting instructions : Please note that the extinguishing water may be corrosive.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Concerning personal protective equipment to use, see section 8. Ensure there is adequate ventilation. Avoid all eye and skin contact and do not breathe vapour and mist. Access forbidden to unauthorised personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up
 Methods for cleaning up : Collect all waste in suitable and labelled containers and dispose according to local legislation.

6.4. Reference to other sections
 For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
 Additional hazards when processed : May cause severe chemical burns to skin and cornea.
 Precautions for safe handling : Avoid contact with skin and eyes. Carefully comply with the instructions for use. Try to stop release if without risk. See Heading 6. Do not eat, drink or smoke when using this product. Keep out of reach of children.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ensure adequate ventilation.
 Storage conditions : Store in a well-ventilated place. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Store at ambient temperature. Store in original container.

Prohibitions on mixed storage : Acids.
 Nitro compounds.
 anhydride.

7.3. Specific end use(s)
 No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

calcium dihydroxide (1305-62-0)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	1 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.49 mg/l
PNEC aqua (marine water)	0.32 mg/l
PNEC aqua (intermittent, freshwater)	0.49 mg/l
PNEC (Soil)	
PNEC soil	1080 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	3 mg/l

8.2. Exposure controls

Appropriate engineering controls : Avoid all unnecessary exposure. Ensure good ventilation of the work station.
 Personal protective equipment : Gloves. Safety glasses.
 Hand protection : Wear suitable gloves resistant to chemical penetration. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. SUITABLE MATERIAL: Viton., Latex. Layer thickness : No data available
 Eye protection : Safety glasses
 Skin and body protection : Wear suitable protective clothing
 Respiratory protection : In case of inadequate ventilation wear respiratory protection



Environmental exposure controls : SECTION 12.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Colour	: No data available
Odour	: odourless.
Odour threshold	: No data available
pH	: 12.6
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Partially soluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Vapour mixes readily with air, forming explosive mixtures.

10.4. Conditions to avoid

Stable at normal conditions. See section 7.

10.5. Incompatible materials

anhydride.

Nitro compounds. Hydrogen sulfide. Acids.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

calcium dihydroxide (1305-62-0)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2500 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 12.6

Serious eye damage/irritation : Causes serious eye damage.

pH: 12.6

Respiratory or skin sensitisation : Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	: Large amounts of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

calcium dihydroxide (1305-62-0)	
LC50 fish 1	457 mg/l (96h)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste disposal recommendations	: "Corrosive" waste which on application can cause skin corrosion.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR

14.1. UN number

1814

14.2. UN proper shipping name

POTASSIUM HYDROXIDE SOLUTION

Transport document description

UN 1814 POTASSIUM HYDROXIDE SOLUTION, 8, II, (E)

14.3. Transport hazard class(es)

8



14.4. Packing group

II

14.5. Environmental hazards

Dangerous for the environment : No

No supplementary information available

14.6. Special precautions for user:

- Overland transport

Classification code (ADR) : C5

Limited quantities (ADR) : 11

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Exempted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP2
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR)	: E
EAC code	: 2R

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	DT Temporary Dressing
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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

SECTION 16: Other information

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
SU20	Health services

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product