

MATERIAL SAFETY DATA SHEET

1. INTRODUCTORY AND COMPANY DETAILS

Product Name: Calcetin Cavity liner powder
Other Names: Calcetin powder
Recommended Use: powder with antiseptic and anti-inflammatory effect. Strongly supports the creation of defense dentin. It's intended temporary filling of root canals.

Company name: "TehnoDent" Co.Ltd
Address: 132 "A" Korochanskaya str., Belgorod, Russian Federation, 308006
Telephone: +7 (4722) 23-14-18
Fax: +7 (4722) 23-14-81

2. HAZARDS IDENTIFICATION

Hazard Classification (accord. to CLP):

Eye Irrit. 2	H319 - Causes serious eye irritation.
Skin Irrit. 2	H315 - Causes skin irritation.
STOT SE 3	H335 - May cause respiratory irritation.



Signal word: WARNING

Hazard statements: Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.

Safety Phrases: P262,270 P262,270
Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product.

Other hazards: Not known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous substances present:

Chemical name	Contents (%)	INECS	CAS	DSD-classific.	CLP-classific.
Calcium hydroxide	40-60	215-137-3	1305-62-0	Xi R 37/38-41	Skin Irrit. 2; H315 Eye Dam 1; H318 STOT SE 3 H335

For R-phrases and H-phrases, see sect. 16.

4. FIRST AID MEASURES

Description of first aid measures:

Ensure the safety of all persons present. Provide mental rest and calm to anyone affected. Avoid further exposure. Provide a sufficient supply of fresh air.
When breathing is difficult, seek medical advice. Wash the affected skin with plenty of warm water and soap, use regenerating ointment afterwards. If the skin is affected to a greater extent, seek medical assistance. Affected eyes wash out with plenty of lukewarm water and seek medical assistance. Upon ingestion wash the mouth out thoroughly. With apparent health problems, seek medical assistance.

Most important acute and delayed symptoms and effects:

See Safety phrases.

Indication of any immediate medical attention and special treatment needed:

In case of damage to the eyes seek medical assistance.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing agents:** powder, medium or heavy foam, CO2
Unsuitable extinguishing agents: direct stream of water
Special danger arising from the substance or mixture:
The product is non-flammable, measures selected according to the surrounding environment.
Instructions for fire workers: No special fire protection is required.

6. ACCIDENTAL RELEASE MEASURES

- Regulations for the protection of persons, protective equipment and emergency procedures:**
Avoid direct contact with the product and get to the eyes.
Environmental precautions:
The product is not dangerous to the environment.
Methods for cleaning up:
The product must be thoroughly removed using an absorbent and placed in a suitable container.

7. HANDLING AND STORAGE

- Instructions for safe handling:**
To be stored in a tightly-sealed original container, in well ventilated room.
When handling, suitable protective garments and gloves must be used; direct contact with the skin must be avoided. Personal sanitary measures must be adopted.
After work, the hands must be thoroughly washed in lukewarm water and soap.
Conditions for safe storage of substances and mixtures, including any incompatibilities:
Store in tightly-sealed container.
Specific use:
The product is intended for professional use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Control parameters:** No information is available for the product.
Calcium hydroxide (solid):
- | | |
|--|---|
| Permissible exposure limit PEL (mg/m3): | 2 |
| Maximum permissible concentration NPK-P (mg/m3): | 4 |
- Reduction of exposition:** The product manipulated by tools.
Air passage protection: Sufficient aeration.
Eye protection: Goggles or shield.
Hand protection: Gloves.
Skin protection: Working garment.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Information on basic physical and chemical properties:**
Appearance:
State (at 20°C): powder
Colour: white
Other informations: No other information is available.

10. STABILITY AND REACTIVITY

- Reactivity:** N/D
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Not known.
Conditions to avoid: Don't keep longer open tube.
Incompatible materials: Not known.
Dangerous decomposition products: Not known.

11. TOXICOLOGICAL INFORMATION

- No information is available for the product.
Calcium hydroxide:

Acute toxicity LD50 per os, brown rat (mg/kg):	7340 mg/kg
Causticity/skin sensitization - rabbit:	irritating
Serious eye damage/eye irritation - rabbit:	corrosive to the eyes

12. ECOLOGICAL INFORMATION

No information available for the product.

Calcium hydroxide:

Toxicity to fish LC50 - Clarias gariepinus - 33.884 mg/l - 96 hrs

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Unusable waste of the product be disposed of as hazardous waste. Contaminated packages must be burnt in an incineration plant or handled by a company authorised for dangerous waste disposal.

14. TRANSPORT INFORMATION

The product is not classified as dangerous for transport.

15. REGULATORY INFORMATION

Regulations applicable to safety, health and environment / specific regulations regarding the substance or mixture:

European Parliament and Council Directive (ES) 1907/2006

Act No. 201/2012 Coll., On air protection

Act No. 258/2000 Coll., On protection of public health, as amended

Chemical Safety Assessment: No information available.

16. OTHER INFORMATION

H-phrases used:

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

R-phrases used:

R37/38 - Irritating to respiratory system and skin.

R41 - Risk of serious damage to eyes.

Updates in the safety data sheet:

Changes according to CLP in sections 2 and 16..

The above information applies to customer packages unless stated otherwise, and fully expresses our current knowledge and experience. The product is assumed for use at worksites corresponding to its designation, and the instructions on the enclosed instruction sheet as well as the standard labour safety regulations for the handling of chemical products are assumed to be adhered to.