

Trade name: **WHITEsmile Whitening Pen 16% Carbamide Peroxide**

1. Identification of substance

Trade name:


WHITEsmile HOME WHITENING 16% Carbamide Peroxide, fresh mint and strawberry

Manufacturer/Supplier:

WHITEsmile GmbH
Weinheimer Str. 6, D-69488 Birkenau/Germany
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Tel.: +49-6201-84321-90

Information in case of emergency

2. Hazards identification

Classification: irritant 

R-phrases:

34 Causes burns.

41 risk of serious damage to eyes

3. Composition/information on ingredients

Description: Bleaching gel based on glycerin for application in customized trays

Dangerous components:

Product	CAS-Nr.	Description	%	Classification
HB 16%	124-43-6	Carbamide peroxide	16%	O R8; C R34; Xn

4. First aid measures

General information:

The intended use is in the dental clinic or for application for the patient at home in customized bleaching trays.

After skin contact:

Immediately rinse with a lot of water.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

No risk at small doses at intended use. Rinse out mouth and then drink plenty of water. In case of high dose consult doctor.

5. Fire fighting measures

Suitable extinguishing agents:

Water. Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: Water with full jet, CO₂

Protective equipment: No special measures required.

6. Accidental release measures:

Person-related safety precautions:

Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Dilute with plenty of water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

Store dry and dark at 5°C to 22°C.

Information about storage in one common storage facility:

Store away from flammable substances.
Store away from reducing agents.
Store away from metals.

Further information about storage conditions:

Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

8. Exposure controls and personal protection gear

General protective measures

Avoid contact with the eyes and skin.

Hygienic measures

Immediately remove all soiled and contaminated clothing

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9. Physical and chemical properties

Form
pasty

Colour
clear

Odour
mint or strawberry

	Value	Temperature	at	Method
pH-value	ca. 5,5-6,5			
Boiling point	n.a.			
Vapour pressure	n.a.			
Density	n.a.			
Solubility in water	yes			
Viscosity	n.a.			

Additional Information

The physical data are given for main ingredient

10. Stability and reactivity

Dangerous reactions

Reacts with various metals
Reacts with reducing agents
Reacts with catalysts
Acts as an oxidizing agent on organic materials such as wood, paper and fats

Dangerous decomposition products oxygen

11. Toxicological information

Acute toxicity

	value	species	method	Bemerkung
LD50 Akut Oral	12600 mg/kg	rat	Lit.	Hydrogen peroxide 35% solution

Irritant effect on the skin irritant

Irritant effect on the eye strong irritant with danger of severe eye injury

12. Environmental information

Biological decomposability biodegradable

13. Disposal considerations

Product: Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Uncleaned packaging: Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

General information: in small amounts no hazardous according to transport regulations.

Land transport ADR/RID (GGVSE): UN 2014 Hydrogen peroxide, Aqueous solution, 5.1 (8), II

Sea transport IMDG (GGVSee): UN 2014 Hydrogen peroxide, Aqueous solution, 5.1 (8), II

15. Regulations

Labeling: irritant



R-phrases:

22 Harmful if swallowed.

38 irritating to skin.

41 risk of serious damage to eyes

S-phrases

24/25 avoid contact with skin and eyes

26 in case of contact with eyes rinse immediately with plenty of water and seek medical advice.

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16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R-phrases (not classification of ready mixed product)

20/22 harmful on inhalation and if swallowed

34 causes burns

8 contact with combustible material may cause fire