

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Whitening Pen 16% CP

Revised on: 24.01.2024

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

1.1. Product identifier

WHITEsmile Whitening Pen 16% Carbamide Peroxide

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

Use of the substance/mixture

Whitening pen for whitening teeth by applying to the tooth surface. Do not use on persons under 18 years of age. May only be dispensed to dentists.

Contains carbamide peroxide.

1.3. Details of the supplier providing the safety data sheet

Company name:	WHITEsmile GmbH	
Street:	Weinheimer Str.6	
Place:	69488 Birkenau	
Phone:	+49 62 01 / 8 43 21-90	Fax:+49 62 01 / 8 43 21-99
E-mail:	info@whitesmile.com	
Internet:	https://www.whitesmile.com	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Eye Irrit. 2; H319

Wording of the hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard-determining components of labeling

Hydrogen peroxide solution ... %

Signal word: Warning

Pictogram:



Hazard warnings

H319 Causes severe eye irritation.

Safety instructions

P280 Wear protective gloves/protective clothing/eye protection.

P301+P330+P331 IF FINGESTED: Rinse out mouth. DO NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P35+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove any contact lenses if possible. Continue rinsing.

2.3 Other hazards

The substances in the mixture do not fulfill the PBT/vPvB criteria according to REACH, Annex XIII.

SECTION 3: Composition/Information on ingredients

3.2 Mixtures

Chemical characterization

Mixture of carbamide peroxide (16%) and glycerin.

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Hazardous ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
7722-84-1	hydrogen peroxide solution ... %			16 %CP ~ 5,6 % HP
	231-765-0	008-003-00-9		
	Ox. Liq. 2, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1; H272 H332 H302 H314 H318			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
7722-84-1	231-765-0	hydrogen peroxide solution ... %	16 %CP ~ 5,6 % HP
		inhalation: LC50 = (0,17) mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 1193 - 1270 mg/kg Ox. Liq. 2; H272: >= 50 - 100 Skin Corr. 1B; H314: >= 50 - 100 Skin Irrit. 2; H315: >= 35 - < 50 Eye Dam. 1; H318: >= 8 - 100 Eye Irrit. 2; H319: >= 5 - < 8	

SECTION 4: First aid measures

4.1. Description of first aid measures

General instructions

Remove contaminated clothing and wash before wearing again.

After inhalation

Provide fresh air.

After skin contact

After contact with skin, wash immediately with plenty of soap and water.

After eye contact

In case of contact with eyes, rinse immediately with plenty of running water for 10 to 15 minutes with the eyelids open and seek medical advice. Remove contact lenses if possible. Continue rinsing.

Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Do NOT induce vomiting.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents

Water, foam, carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

In the event of fire, the following may be generated: Gases/vapors, harmful to health

5.3. Advice for firefighters

Collect contaminated extinguishing water separately. Do not allow entering drains or surface water.

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General notes

Safe handling: see section 7

Personal protective equipment: see section 8

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6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Further information

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders).
Take up mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When using do not eat, drink or smoke. Wash hands thoroughly after handling.

Advice on general hygiene measures at the workplace

Avoid contact with skin, eyes and clothing. Draw up and observe skin protection programme

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in the original container in a cool, well-ventilated place.
Protect from the action of light.

Combined storage instructions

Do not store together with: Food
Keep away from combustible materials.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits (TRGS 900)

CAS-Nr.	Term	ppm	mg/m ³	F/m ³	Peak limiting factor	Art
7722-84-1	Hydrogen Peroxide	0,5	0,71		1(I)	

8.2. Exposure controls

Individual protective measures, for example personal protective equipment

Eye/face protection

tightly fitting goggles

Hand protection

Wear protective gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

none

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Physical state:	Gel
Colour:	colorless
Odor:	mint
pH (at 20 °C):	5 - 6
Water solubility:	miscible

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SECTION 10: Stability and reactivity

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with:
Acids, Alkali (lye)
Reducing agent, Alcohols, Amines

10.4. Conditions to avoid

Protect from heat.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) 19883 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) 183,3 mg/l; ATE (inhalation dust/mist) 25,00 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7722-84-1	hydrogen peroxide solution ... %				
	oral	LD50 1193 - 1270 mg/kg	Rat	IUCLID	
	dermal	LD50 >200 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 (0,17) mg/l	Rat		
	inhalation dust/mist	ATE 1,5 mg/l			

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Further information

The product has not been tested. The statement is derived from the properties of the individual components.

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SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]	Species	Source	Method
7722-84-1	hydrogen peroxide solution ... %					
	Acute fish toxicity	LC50 mg/l	16,4	96 h	Pimephales promelas	IUCLID
	Acute algae toxicity	ErC50	2,5 mg/l	72 h	Chlorella vulgaris	

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
Dispose according to legislation.

List of Wastes Code - residues/unused products

160903 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; oxidising substances; peroxides, for example hydrogen peroxide; hazardous waste

List of Wastes Code - used product

160903 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; oxidising substances; peroxides, for example hydrogen peroxide; hazardous waste

List of Wastes Code - contaminated packaging

160903 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; oxidising substances; peroxides, for example hydrogen peroxide; hazardous waste

Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Observe in addition any national regulations!

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,7,11,15,16.

Matter of revision: Regulation (EU) No. 2020/878, Annex II.

Abbreviations and acronyms

Ox. Liq: Oxidising liquid

Acute Tox: Acute toxicity

Skin Corr: Skin corrosion

Eye Dam: Eye damage

Eye Irrit: Eye irritation

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)