

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 24.01.2024

### WHITEsmile Light Whitening AC 6% HP (mixed)

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

### 1.1. Product identifier

WHITEsmile Light Whitening AC 6% (mixed)

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

#### Use of the substance/mixture

In-Office teeth whitening system; two-component tooth-whitening system based on hydrogen peroxide. Not to be used on a person under 18 years of age.

### 1.3. Details of the supplier of the safety data sheet

Company name:	WHITEsmile GmbH	
Street:	Weinheimerstraße 6	
Place:	69488 Birkenau	
Telephone:	+49 62 01 / 8 43 21-90	Telefax: +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

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of hydrogen peroxide (6 %), polyglycol, organic amines, silicon dioxide

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#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
7722-84-1	hydrogen peroxide solution ... %			5 - < 10 %
	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 ... %	5 - < 10 %
		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 information

Take off contaminated clothing and wash it before reuse.

#### After inhalation

Provide fresh air.

#### After contact with skin

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

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. 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 media

Water, Foam, Carbon dioxide (CO<sub>2</sub>).

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Gases/vapours, harmful

### 5.3. Advice for firefighters

Collect contaminated fire 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 advice

Safe handling: see section 7

Personal protection 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**

##### **Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

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 occupational hygiene**

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

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

Keep at temperature not exceeding 12 °C.

Protect from the action of light.

##### **Hints on joint storage**

Do not store together with: Food

Keep away from combustible material.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

##### **Occupational exposure limits (TRGS 900)**

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

#### **8.2. Exposure controls**

##### **Individual protection measures, such as 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 basic physical and chemical properties**

Physical state:

Gel

Colour:

green

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Odour: characteristic  
pH-Value (at 20 °C): 10,8 - 11,0 , in the mixture  
Water solubility: miscible

#### SECTION 10: Stability and reactivity

##### 10.2. Chemical stability

The product is stable under storage 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

Keep away from heat.

##### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

#### 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 >2000 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

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#### Further information

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	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)

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**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**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.)*