

SAFETY DATA SHEET

Cavex Bite&White Ready2Use

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

Product name : Cavex Bite&White Ready2Use

Other means of identification : None.

Product type : Colourless whitening gel in tray.

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

Identified uses : Dental Products

Details of the supplier of the safety data sheet**National contact**

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National advisory body/Poison Centre/Emergency telephone number

Telephone number : +31 23 530 7700 (Office hours)

SECTION 2: Hazards identification**Classification of the substance or mixture**

Product definition : Preparation

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

H315 - SKIN CORROSION/IRRITATION Category 2.
H319 - Eye irritation Category 2A.

Classification according to Directive 67/548/EEC [DSD]**Europe**

Xi; R41, R36/38

Classification according to Directive 1999/45/EC [DPD]**Europe**

Xi; R41, R36/38

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

Label elements**Hazard pictograms**

Signal word : Warning

Hazard statements : H315 - Causes skin irritation.
H319 - Causes eye irritation.

Precautionary statements

Prevention : P102 - Keep out of reach of children.
P280 - Wear eye or face protection.
P305 - If in eyes or on skin, rinse well with water.
P313 - Get medical advice/attention.

Europe

SECTION 2: Hazards identification

Irritant

- Risk phrases** : R41- Risk of serious damage to eyes.
R36/38- Irritating to eyes and skin.
- Safety phrases** : S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39- Wear eye/face protection.
- Supplemental label elements** : None.

Other hazards

Other hazards which do not result in classification : None.

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : Not applicable.

SECTION 3: Composition/information on ingredients

Substance/mixture : Preparation

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Europe Hydrogen peroxide	CAS: 7722-84-1 EC: 231-765-0	2.5-3.5	R22, R41	H302, H318	-
Urea hydrogen peroxide adduct	CAS: 124-43-6 EC: 204-701-4	7-9	O; R8 C; R34 See Section 16 for the full text of the R-phrases declared above.	H271, H314 See Section 16 for the full text of the H statements declared above.	[1]

Type

1: Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures**Description of first aid measures**

- Eye contact** : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- Inhalation** : Not applicable.
- Skin contact** : After contact with skin, wash immediately with plenty of water.
- Ingestion** : Have conscious person drink several glasses of water or milk. Get medical attention. Not considered to be toxic to humans. Irritating to mouth, throat and stomach.
- Protection of first-aiders** : Not applicable.

Most important symptoms and effects, both acute and delayedPotential acute health effects

- Eye contact** : Severely irritating to eyes. Risk of serious damage to eyes.
- Inhalation** : Not applicable.
- Skin contact** : Irritating to skin.
- Ingestion** : Not considered to be toxic to humans. Irritating to mouth, throat and stomach.

Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Irritant.
- Specific treatments** : Not applicable.

SECTION 5: Firefighting measures

Extinguishing media

- Suitable extinguishing media** : Non-combustible. Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : Contains: less than 6% Hydrogen peroxide. Non-combustible. Not considered to be a product presenting a risk of explosion.
- Hazardous thermal decomposition products** : carbon oxides (CO, CO₂)

Advice for firefighters

- Special protective actions for fire-fighters** : Cool containing vessels with flooding quantities of water until well after fire is out.
- Special protective equipment for fire-fighters** : Wear appropriate respiratory protection.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : Wear suitable gloves and eye/face protection.
- For emergency responders** : Wear suitable gloves and eye/face protection.
- Environmental precautions** : No special protection is required.

Methods and materials for containment and cleaning up

- Small spill** : Dilute with plenty of water.
- Large spill** : Use a shovel to transfer the material to a convenient waste disposal container.

Reference to other sections

- : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Precautions for safe handling

- Protective measures** : Store in a dry place.
- Advice on general occupational hygiene** : Store in a dry place.
- Conditions for safe storage, including any incompatibilities** : May decompose on exposure to light. Keep cool. Protect from sunlight.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
Europe Urea hydrogen peroxide adduct	TWA (8 hours): 5 mg/m ³

- Recommended monitoring procedures** : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- DNELs/DMELs** : No DNELs/DMELs available.
- PNECs** : No PNECs available

Exposure controls

- Appropriate engineering controls** : No special measures required.
- Individual protection measures**
- Hygiene measures** : Wash thoroughly after handling.
- Eye/face protection** : Safety glasses.
- Skin protection**

SECTION 8: Exposure controls/personal protection

Hand protection	: Nitrile gloves.
Body protection	: Lab coat.
Other skin protection	: After contact with skin, wash immediately with plenty of water.
Respiratory protection	: No special protection is required.
Environmental exposure controls	: Dilute with plenty of water. Avoid release to the environment.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**Appearance

Physical state	: Clear, viscous gel.
Colour	: Colourless.
Odour	: Peppermint-like.
pH	: 6-7
Melting point/freezing point	: No results available.
Initial boiling point and boiling range	: No results available.
Flash point	: No results available.
Relative density	: Not available.
Solubility in water	: Miscible in water.
Auto-ignition temperature	: No results available.
Decomposition temperature	: No results available.
Viscosity	: No results available.
Oxidising properties	: No results available.
Other information	: No additional information.

SECTION 10: Stability and reactivity

Reactivity	: No additional information.
Chemical stability	: Decomposes on heating. Keep away from direct sunlight or strong incandescent light.
Possibility of hazardous reactions	: Reducing material.
Conditions to avoid	: No specific data.
Incompatible materials	: oxidizing materials
Hazardous decomposition products	: None.

SECTION 11: Toxicological information**Information on toxicological effects**

<u>Acute toxicity</u>	: Based on available data, the classification criteria are not met.
<u>Irritation/Corrosion</u>	: Irritating to eyes.
<u>Sensitisation</u>	: Based on available data, the classification criteria are not met.
<u>Mutagenicity</u>	: Based on available data, the classification criteria are not met.
<u>Carcinogenicity</u>	: Based on available data, the classification criteria are not met.
<u>Reproductive toxicity</u>	: Based on available data, the classification criteria are not met.
<u>Teratogenicity</u>	: Based on available data, the classification criteria are not met.

Potential acute health effects

Eye contact	: Severely irritating to eyes. Risk of serious damage to eyes.
Inhalation	: Not applicable.
Skin contact	: Irritating to skin.
Ingestion	: Not considered to be toxic to humans. Irritating to mouth, throat and stomach.

<u>Potential chronic health effects</u>	: No known significant effects or critical hazards.
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Other information	: No additional information.
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SECTION 12: Ecological information

Toxicity	: No results available.
Persistence and degradability	: No results available.
Bioaccumulative potential	: No results available.
Mobility in soil	: No results available.
Results of PBT and vPvB assessment	
PBT	: Not applicable.
vPvB	: Not applicable.
Other adverse effects	: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

Waste treatment methods

Product

Methods of disposal	: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
Hazardous waste	: No.

Packaging

Methods of disposal	: Use appropriate tools to transfer the spilt solid to a convenient waste disposal container.
Special precautions	: None.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
UN number	Not classified as dangerous	Not classified as dangerous	Not classified as dangerous	Not classified as dangerous
UN proper shipping name	Not applicable.	Not applicable.	Not applicable.	Not applicable.
Transport hazard class (es)	Not controlled under European ADR.	Not controlled under ADN (Europe).	Not controlled under IMDG.	Not controlled under IATA.
Packing group				
Environmental hazards				
Additional information				

Special precautions for user	: No special measures are required.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Substances of very high concern

None of the components are listed.

National regulations

Chemical Safety Assessment	: No Chemical Safety Assessment has been carried out.
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SECTION 16: Other information

 Indicates information that has changed from previously issued version.

Abbreviations and acronyms

- : ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
H315 - SKIN CORROSION/IRRITATION Category 2. H319 - Eye irritation Category 2A.	

Europe

Full text of abbreviated H statements

- : H271 - OXIDIZING LIQUIDS Category 1.
- H302 - ACUTE TOXICITY: ORAL Category 4.
- H314 - SKIN CORROSION/IRRITATION Category 1A.
- H315 - SKIN CORROSION/IRRITATION Category 2.
- H318 - Eye irritation Category 1.
- H319 - Eye irritation Category 2A.

Full text of classifications [CLP/GHS]

- : H271 - May cause fire or explosion; strong oxidiser.
- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.

Full text of abbreviated R phrases

- : R8- Contact with combustible material may cause fire.
- R22- Harmful if swallowed.
- R25- Toxic if swallowed. (Sodiumfluoride)
- R34- Causes burns.
- R41- Risk of serious damage to eyes.
- R36/38- Irritating to eyes and skin.

Full text of classifications [DSD/DPD]

- : O - Oxidising
- C - Corrosive
- Xi - Irritant

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