

Material Safety Data Sheet

According to (CG) Nr. 1907/2006

Printing date: 08.11.2017

Revision: 08.11.2017 Version 1.0 (GB)

Trade name: **BMS Home Whitening 10%, 16%, 22% Carbamide Peroxide**

1. Identification of substance

Trade name:

BMS HOME WHITENING GEL 10%, 16%, 22% Carbamide Peroxide

Manufacturer/Supplier:

BMS DENTAL S.R.L.

Via M.Buonarroti, 21/23/25

56033 - Capannoli (Pi) - Italy

Tel : +39 0587 606089

Information in case of emergency

Phone number: Tel : +39 0587 606089

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 |
|---------|----------|--------------------|-----|-----------------|
| HW 10% | 124-43-6 | Carbamide peroxide | 10% | O R8; C R34; Xn |
| HW 16% | 124-43-6 | Carbamide peroxide | 16% | O R8; C R34; Xn |
| HW 22% | 124-43-6 | Carbamide peroxide | 22% | O R8; C R34; Xn |

Additional information: For the wording of the listed risk phrases refer to section 16.

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:
and then

No risk at small doses at intended use. Rinse out mouth
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:
away.

Wear protective equipment. Keep unprotected persons

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

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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

9. Physical and chemical properties

Form
pasty

Colour
clear

Odour
mint

| | Value | Temperature | at | Method |
|---------------------|------------------------|-------------|---------|--------|
| pH-value | ca. 7-8 | | | |
| Boiling point | Ca. 110°C | | 1012hPa | |
| Vapour pressure | Ca. 20 hPa | 20°C | | |
| Density | 1,25 g/cm ³ | 20°C | | |
| Solubility in water | yes | | | |
| Viscosity | 400-700 Pa's | 20°C | | |

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

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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:

washed

Small amounts may be diluted with plenty of water and

away. Dispose of bigger amounts in accordance with Local Authority requirements.

Uncleaned packaging:

together

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleansing agents: Water, if necessary

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 with 20% or more but 40% or less hydrogen peroxide (stabilized as necessary), 5.1 (8) II

Sea transport IMDG (GGVSee):

UN 2014, Hydrogen peroxide, aqueous solution with 20% or more but 40% or less hydrogen peroxide (stabilized as necessary), 5.1 (8) II

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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.

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