

6% HYDROGEN PEROXIDE IN 3ml SYRINGE

SECTION 1: Identification of the substance/preparation & of the company/undertaking

1.1 Product identifier

Product name 6% Hydrogen Peroxide Gel (By Day)
Product description Tooth Whitening Gel.

1.2 Relevant identified uses of the substance or mixture and uses advised against relevant identified uses
Dental Tooth Whitening Gel for use prescribed by a professional and for use at home under the repeated supervision of the dentist

1.3 Details of the supplier of the safety data sheet

Boutique Whitening Limited
13 - 14 Navigation Court, Calder Park, Wakefield, WF2 7BJ

1.4 Emergency phone number

Boutique Whitening 0113 873 0007

1.5 Manufacture MX Whites Inc, Canada

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008: Eye Irrit 2, H319.

2.2 Label elements

Hazard pictogram(s):



Signal word Warning

Hazard statements: Causes serious eye irritation.

Precautionary statements: Keep out of reach of children

Wear eye protection. If eye irritation persists:
Get medical attention.

2.3. Other hazards Not available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Chemical Name	CAS	EINECS No.	WT. %	Classification according to Regulation (EC) 1272/2008
D.I Water	7732-18-5	231-791-2	25 to 50	Not Classified
Hydrogen Peroxide	7722-84-1	231-765-0	< 8	Ox Liq 1, H271; Acute Tox 4, H302; Acute Tox 4, H332; Skin Corr 1A, H314; Eye Dam 1, H318; STOT SE 3, H335; Aquatic Chronic 3, H412

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Following skin Wash with soap and water. Get medical attention if irritation develops or persists.

Following indigestion If swallowed in small quantities the product is harmless, otherwise consult a doctor.

Following inhalation No specific treatment is recommended since this is not likely route of exposure. If exposed to excessive levels of vapour or mist, remove to fresh air and get medical attention if cough or other symptoms develop.

4.2 Most important symptoms and effects, both acute and delayed

Irritating to eyes. May cause skin irritation. May be harmful if swallowed in large quantities

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptoms as they occur.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media Water spray is recommended.

5.2. Special hazards arising from the substance or mixture

The product is an aqueous solution, and is not classified as flammable, but contains hydrogen peroxide which is a strong oxidizing agent and may intensify fire.

5.3. Advice for firefighters

Evacuate all personnel; use protective equipment for firefighting. Use self-contained breathing apparatus when the product is involved in fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General procedures Wear personal protective equipment.

6.2 Environmental precautions

Water spill Do not allow to enter sewers or drains that may lead to waterways.

6.3 Methods and material for containment and cleaning up:

Small spill Wipe up with cloth, soap and water.

Large spill Absorb with inert, damp non-combustible material, then flush area with water.

6.4 Reference to other sections

Refer to section 8 for personal protective equipment

SECTION 7: Handling and storage

7.1. Precautions for safe handling

General procedures Avoid contact with eyes, skin and clothing.

Handling Use suitable protective equipment.

Storage Between 2 and 24 °C. Keep away from heat and sunlight.

7.2. Conditions for safe storage, including any incompatibilities

Shelf life See product labelling

7.3. Specific end use(s) Dental tooth whitening gel.

SECTION 8: Exposure Controls / personal protection

8.1. Control parameters

Hydrogen peroxide: WEL: 8 h TWA, 1.4 mg/m³ (1 ppm); 15 min, 2.8 mg/m³ (2 ppm). Derived no-effect levels (DNELs): workers, long-term exposure, local effects, inhalation, 1.4 mg/m³; workers, short-term exposure, local effects, inhalation, 3 mg/m³; general population, long-term exposure, local effects, inhalation, 0.21 mg/m³; general population, short-term exposure, local effects, inhalation, 1.93 mg/m³.

8.2. Exposure controls

Good general ventilation recommended to control airborne levels. The need for personal protective equipment should be based on a workplace risk assessment for the particular use.

Eye / face protection Wear eye protection

Skin protection Wear suitable protective clothing and gloves

SECTION 9: Exposure Controls / personal protection

9.1 Information on basic physical and chemical properties

Appearance Colourless gel

Odour Mint

PH 5.8 to 6.5

Solubility in water Partially soluble

Contains hydrogen peroxide which is a strong oxidizing agent. Information on odour threshold, melting and boiling point, initial boiling point, flash point, evaporation rate, flammable limits, vapour pressure, relative density, partition coefficient, auto-ignition temperature, decomposition temperature, viscosity, and explosive properties is not available.

9.2. Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable Yes.

10.2. Chemical stability Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization No.

10.4. Conditions to avoid

Excessive heat, and exposure to moist air or water.

10.5. Incompatible materials

Strong alkalis, most metals.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Acute toxicity

Based on available data, the classification criteria are not met. Hydrogen peroxide is classified as harmful by the oral and inhalation routes, but is present below threshold limits.

Skin corrosion/irritation

May cause slight irritation. Hydrogen peroxide is classified as corrosive to skin, but is present below special concentration limits for classification as irritant.

Serious eye damage/irritation

Causes serious eye irritation based on special concentration limits for hydrogen peroxide.

Respiratory or skin sensitisation

No ingredient has been identified as having sensitising effects.

Genm cell mutagenicity/ carcinogenicity/ reproductive toxicity/ STOT-single exposure/ STOT-repeated exposure/aspiration hazard

Based on available data, the classification criteria are not met. Hydrogen peroxide may cause respiratory irritation if inhaled.

SECTION 12: Ecological information

12.1 Toxicity

The product is not expected to meet the criteria for classification.

12.2 Persistence and degradability

Hydrogen peroxide: readily biodegradable.

12.3 Bioaccumulative potential

Hydrogen peroxide: no bioaccumulation is expected.

12.4 Mobility in soil

Hydrogen peroxide: no adsorption to soil is expected.

12.5 Results of PBT and vPvB assessment

Hydrogen peroxide: does not fulfil criteria.

12.6 Other adverse effects

Not available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal of small quantities of diluted product via the drains may be allowed. Dispose of in compliance with government regulations. General EU requirements are given in Directive 2008/98/EC.

SECTION 14: Transport Information

Not classified as dangerous goods for transport.

The following sections are therefore not applicable: 14.1 UN Number, 14.2 UN proper shipping name, 14.3 Transport hazard class(es), 14.4 Packing group, 14.5 environmental hazards, 14.6 special precautions for user, 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

SECTION 15: Regulatory Information

Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended.

Workplace Exposure Limits EH40/2005 (Third edition, 2018); Health and Safety Executive.

BS EN 14042:2003; Workplace Atmospheres.

SECTION 16: Other Information

Manufacturer Disclaimer

FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

4.25% CARBAMIDE & 4.25% HYDROGEN PEROXIDE IN 3 ml SYRINGE

For 4.25% Hybrid. Concentration equivalent to 5.7% Hydroden Peroxide.

SECTION 1: Identification of the substance/preparation & of the company/undertaking

1.1 Product identifier

Product name 4.25% Carbamide & 4.25% Hydrogen Peroxide (Hybrid Pro By Night)
Product description Tooth Whitening Gel

1.2 Relevant identified uses of the substance or mixture and uses advised against relevant identified uses
Dental Tooth Whitening Gel for use prescribed by a professional and for use at home under the repeated supervision of the dentist

1.3 Details of the supplier of the safety data sheet

Manufacture Boutique Whitening Limited
13 – 14 Navigation Court, Calder Park, Wakefield, WF2 7BJ

1.4 Emergency phone number

Boutique Whitening, 0113 873 0007

1.5 Manufacture

MX Whites Inc, Canada

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008: Eye Dam 1, H318.

2.2 Label elements

Hazard pictogram(s):



Signal word Warning

Hazard statements: Causes serious eye damage.

Precautionary statements: Keep out of reach of children

Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

2.3. Other hazards Not available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Chemical Name	CAS	EINECS No.	WT.%	Classification according to Regulation (EC) 1272/2008
DJ Water	7732-18-5	231-791-2	25 to 50	Not Classified
Hydrogen Peroxide	7722-84-1	231-765-0	< 8	Ox Liq 1, H271; Acute Tox 4, H302; Acute Tox 4, H332; Skin Corr 1A, H314; Eye Dam 1, H318; STOT SE 3, H335; Aquatic Chronic 3, H412
Carbamide peroxide	124-43-6	204-701-4	< 8	Ox Sol 3, H272; Skin Irrit 2, H315; Eye Dam 1, H318

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Following skin Wash with soap and water. Get medical attention if irritation develops or persists.

Following indigestion If swallowed in small quantities the product is harmless, otherwise consult a doctor.

Following inhalation No specific treatment is recommended since this is not likely route of exposure. If exposed to excessive levels of vapour or mist, remove to fresh air and get medical attention if cough or other symptoms develop.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. May cause skin irritation. May be harmful if swallowed in large quantities

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptoms as they occur.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media Water spray is recommended.

5.2. Special hazards arising from the substance or mixture

The product is an aqueous solution, and is not classified as flammable, but contains peroxides which are strong oxidizing agents and may intensify fire..

5.3. Advice for firefighters

Evacuate all personnel: use protective equipment for firefighting. Use self-contained breathing apparatus when the product is involved in fire..

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General procedures Wear personal protective equipment. .

6.2 Environmental precautions

Water spill Do not allow to enter sewers or drains that may lead to waterways.

6.3 Methods and material for containment and cleaning up:

Small spill Wipe up with cloth, soap and water.

Large spill Absorb with inert, damp non-combustible material, then flush area with water.

6.4 Reference to other sections

Refer to section 8 for personal protective equipment

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

General procedures Avoid contact with eyes, skin and clothing.

Handling Use suitable protective equipment.

Storage Between 2 and 24 °C. Keep away from heat and sunlight.

7.2. Conditions for safe storage, including any incompatibilities

Shelf life See product labelling

7.3. Specific end use(s) Dental tooth whitening gel.

SECTION 8: Exposure Controls / personal protection

8.1. Control parameters

Hydrogen peroxide: WEL: 8 h TWA, 1.4 mg/m³ (1 ppm); 15 min, 2.8 mg/m³ (2 ppm). Derived no-effect levels (DNELs): workers, long-term exposure, local effects, inhalation, 1.4 mg/m³; workers, short-term exposure, local effects, inhalation, 3 mg/m³; general population, long-term exposure, local effects, inhalation, 0.21 mg/m³; general population, short-term exposure, local effects, inhalation, 1.93 mg/m³.

Carbamide peroxide: WEL: none. Derived no-effect levels (DNELs): workers, long-term exposure, systemic effects, dermal, 1.5 mg/kg/day; workers, long-term exposure, systemic effects, inhalation, 20.1 mg/m³; general population, long-term exposure, systemic effects, dermal, 0.41 mg/kg/day; general population, long-term exposure, systemic effects, inhalation, 0.36 mg/m³; general population, long-term exposure, systemic effects, oral, 0.21 mg/kg/day.

8.2. Exposure controls

Good general ventilation recommended to control airborne levels. The need for personal protective equipment should be based on a workplace risk assessment for the particular use.

Eye / face protection Wear eye protection

Skin protection Wear suitable protective clothing and gloves

SECTION 9: Exposure Controls / personal protection

9.1 Information on basic physical and chemical properties

Appearance Colourless gel

Odour Mint

PH 6.0 to 7.5

Solubility in water Partially soluble

Contains peroxides which are strong oxidizing agents. Information on odour threshold, melting and boiling point, initial boiling point, flash point, evaporation rate, flammable limits, vapour pressure, relative density, partition coefficient, auto-ignition temperature, decomposition temperature, viscosity, and explosive properties is not available.

9.2. Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable Yes.

10.2. Chemical stability Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization No.

10.4. Conditions to avoid Excessive heat, and exposure to moist air or water.

10.5. Incompatible materials

Strong alkalis, most metals.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Acute toxicity

Based on available data, the classification criteria are not met. Hydrogen peroxide is classified as harmful by the oral and inhalation routes, but is present below threshold limits.

Skin corrosion/irritation

May cause slight irritation. Hydrogen peroxide is classified as corrosive to skin, but is present below special concentration limits for classification as irritant.

Serious eye damage/irritation

Causes serious eye damage based on concentration limits for carbamide peroxide.

Respiratory or skin sensitisation

No ingredient has been identified as having sensitising effects.

Germ cell mutagenicity/carcinogenicity/reproductive toxicity/STOT-single exposure/STOT-repeated exposure/aspiration hazard

Based on available data, the classification criteria are not met. Peroxides may cause respiratory irritation if inhaled.

SECTION 12: Ecological information

12.1 Toxicity The product is not expected to meet the criteria for classification.

12.2 Persistence and degradability Peroxides: readily biodegradable.

12.3 Bioaccumulative potential Peroxides: no bioaccumulation is expected.

12.4 Mobility in soil Peroxides: no adsorption to soil is expected.

12.5 Results of PBT and vPvB assessment Peroxides: do not fulfil criteria.

12.6 Other adverse effects Not available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal of small quantities of diluted product via the drains may be allowed. Dispose of in compliance with government regulations. General EU requirements are given in Directive 2008/98/EC

SECTION 14: Transport Information

Not classified as dangerous goods for transport.

The following sections are therefore not applicable: 14.1 UN Number, 14.2 UN proper shipping name, 14.3 Transport hazard class(es), 14.4 Packing group, 14.5 environmental hazards, 14.6 special precautions for user, 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

SECTION 15: Regulatory Information

Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended.

Workplace Exposure Limits EH40/2005 (Third edition, 2018); Health and Safety Executive.

BS EN 14042:2003; Workplace Atmospheres.

SECTION 16: Other Information

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6%, 10%, AND 16% CARBAMIDE PEROXIDE IN 3ml SYRINGE

For 6% CP Concentration equivalent to 2.1% Hydrogen Peroxide.
For 10% CP Concentration equivalent to 3.5% Hydrogen Peroxide.
For 16% CP Hybrid. Concentration equivalent to 5.6% Hydrogen Peroxide

SECTION 1: Identification of the substance/preparation & of the company/undertaking

1.1 Product identifier

Product name 6% Carbamide Peroxide Gel (Boutique Soft)
10% And 16% Carbamide Peroxide Gel (By Night)
Product description Tooth Whitening Gel.

1.2 Relevant identified uses of the substance or mixture and uses advised against relevant identified uses
Dental Tooth Whitening Gel for use prescribed by a professional and for use at home under the repeated supervision of the dentist

1.3 Details of the supplier of the safety data sheet

Manufacture Boutique Whitening Limited
13 – 14 Navigation Court, Calder Park, Wakefield, WF2 7BJ

1.4 Emergency phone number

Boutique Whitening, 0113 873 0007

1.5 Manufacture MX Whites Inc, Canada

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008: Skin Irrit 2, H315; Eye Dam 1, H318.

2.2 Label elements

Hazard pictogram(s):



Signal word Warning

Hazard statements: Causes serious eye damage.

Precautionary statements: Keep out of reach of children

Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

2.3. Other hazards Not available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Chemical Name	CAS	EINECS No.	WT.%	Classification according to Regulation (EC) 1272/2008
DI Water	7732-18-5	231-791-2	25 to 50	Not Classified
Carbamide peroxide	124-43-6	204-701-4	< 8	Ox Sol 3, H272; Skin Irrit 2, H315; Eye Dam 1, H318

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Following skin Wash with soap and water. Get medical attention if irritation develops or persists.

Following indigestion If swallowed in small quantities the product is harmless, otherwise consult a doctor.

Following inhalation No specific treatment is recommended since this is not likely route of exposure. If exposed to excessive levels of vapour or mist, remove to fresh air and get medical attention if cough or other symptoms develop.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. Causes skin irritation. May be harmful if swallowed in large quantities

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptoms as they occur.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media Water spray is recommended.

5.2. Special hazards arising from the substance or mixture

The product is an aqueous solution, and is not classified as flammable, but contains carbamide peroxide which is a strong oxidizing agent and may intensify fire.

5.3. Advice for firefighters

Evacuate all personnel; use protective equipment for firefighting. Use self-contained breathing apparatus when the product is involved in fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General procedures Wear personal protective equipment.

6.2 Environmental precautions

Water spill Do not allow to enter sewers or drains that may lead to waterways.

6.3 Methods and material for containment and cleaning up:

Small spill Wipe up with cloth, soap and water.

Large spill Absorb with inert, damp non-combustible material, then flush area with water.

6.4 Reference to other sections

Refer to section 8 for personal protective equipment

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

General procedures Avoid contact with eyes, skin and clothing.

Handling Use suitable protective equipment.

Storage Between 2 and 24 °C. Keep away from heat and sunlight.

7.2. Conditions for safe storage, including any incompatibilities

Shelf life See product labelling

7.3. Specific end use(s) Dental tooth whitening gel.

SECTION 8: Exposure Controls / personal protection

8.1. Control parameters

Carbamide peroxide: WEL: none. Derived no-effect levels (DNELs): workers, long-term exposure, systemic effects, dermal, 1.5 mg/kg/day; workers, long-term exposure, systemic effects, inhalation, 20.1 mg/m³; general population, long-term exposure, systemic effects, dermal, 0.41 mg/kg/day; general population, long-term exposure, systemic effects, inhalation, 0.36 mg/m³; general population, long-term exposure, systemic effects, oral, 0.21 mg/kg/day.

8.2. Exposure controls

Good general ventilation recommended to control airborne levels. The need for personal protective equipment should be based on a workplace risk assessment for the particular use.

Eye / face protection Wear eye protection

Skin protection Wear suitable protective clothing and gloves

SECTION 9: Exposure Controls / personal protection

9.1 Information on basic physical and chemical properties

Appearance Colourless gel

Odour Mint

PH 6.0 to 7.5

Solubility in water Partially soluble

Contains peroxides which are strong oxidizing agents. Information on odour threshold, melting and boiling point, initial boiling point, flash point, evaporation rate, flammable limits, vapour pressure, relative density, partition coefficient, auto-ignition temperature, decomposition temperature, viscosity, and explosive properties is not available.

9.2. Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable Yes.

10.2. Chemical stability Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization No.

10.4. Conditions to avoid Excessive heat, and exposure to moist air or water.

10.5. Incompatible materials

Strong alkalis, most metals.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

Acute toxicity

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Causes skin irritation based on concentration limits for carbamide peroxide.

Serious eye damage/irritation

Causes serious eye damage based on concentration limits for carbamide peroxide.

Respiratory or skin sensitisation

No ingredient has been identified as having sensitising effects.

Germ cell mutagenicity/carcinogenicity/reproductive toxicity/STOT-single exposure/STOT-repeated exposure/aspiration hazard

Based on available data, the classification criteria are not met. Peroxides may cause respiratory irritation if inhaled.

SECTION 12: Ecological information

12.1 Toxicity

The product is not expected to meet the criteria for classification.

12.2 Persistence and degradability Carbamide peroxide: readily biodegradable.

12.3 Bioaccumulative potential

Carbamide peroxide: no bioaccumulation is expected

12.4 Mobility in soil Carbamide peroxide: no adsorption to soil is expected.

12.5 Results of PBT and vPvB assessment

Carbamide peroxide: does not fulfil criteria

12.6 Other adverse effects Not available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal of small quantities of diluted product via the drains may be allowed. Dispose of in compliance with government regulations. General EU requirements are given in Directive 2008/98/EC

SECTION 14: Transport Information

Not classified as dangerous goods for transport.

The following sections are therefore not applicable: 14.1 UN Number, 14.2 UN proper shipping name, 14.3 Transport hazard class(es), 14.4 Packing group, 14.5 environmental hazards, 14.6 special precautions for user, 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.

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