

	MIROMED GROUP s.a. Corso San Gottardo, 54A - 6830 Chiasso - CH Tel. +41 (0)91 960 58 48- info@miromedgroup.ch www.miromedgroup.ch	
	White Beauty Professional Genius Liquid & Powder	
MATERIAL SAFETY DATA SHEET		
Class I- Medical Device – Directive 93/42/EEC	Revisione n°	01
	Data	30/10/2022

1. IDENTIFICATION ELEMENTS OF THE SUBSTANCE / PREPARATION AND OF THE MANUFACTURING COMPANY

1.1. PRODUCT IDENTIFICATION

Powder and liquid (hydrogen peroxide - solution 38%) which take on the gelled state after mixing. Gel for whitening teeth from discoloration. Professional use only.

1.2. MANUFACTURER

 **Miromed Group SA**, Corso San Gottardo 54A,
6830 Chiasso (CH)
Ph: + 41 (0) 919605848 - info@miromedgroup.ch

EC	REP
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Miromed Srl – Viale De Gasperi 17,
20045 Lainate (MI), Italy
Ph: +39 0293572150 - info@miromed.it

1.3. EMERGENCY NUMBER

Centro Antiveleni Niguarda di Milano - IT Ph. +39.0266101029
Centro Antiveleni di Pavia - IT
Ph. +39.0382.24444
Centro Antiveleni Azienda Ospedaliera Careggi
Firenze - IT
- Ph. +39.055.7947819
Operational 24/7.

2. HAZARDS IDENTIFICATION

Regulation (EC) No. 1272/2008 (CLP)

<u>Hydrogen peroxide:</u> H318 Eyes Dam.: Causes serious eye damage. H315 Skin irritation: causes Skin irritation H302+H332 Harmful if swallowed or inhaled. H335-H336 May irritate the respiratory tract. May cause drowsiness or dizziness.	GHS05 GHS07  
<u>Powder:</u> The product is not classified as dangerous	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Liquid

Ingredients	Content
Hydrogen Peroxide	38%

Powder

Ingredients	Content
Gelling agent	98,998%
CI 42090	0,002%
Potassium Nitrate	1%

4. FIRST AID MEASURES

Liquid:

In case of inhalation: If the subject is unconscious, keep him stable on his side during transport.

Skin contact: Call your doctor right away. In case of persistent skin irritations, consult your doctor. Wash immediately and abundantly with soap and water and rinse thoroughly. Wash contaminated clothing before reuse. Contact with eyes: Wash with running water for several minutes keeping the eyelids open and consult your doctor. In case of ingestion: do not induce vomiting; if a substantial quantity of product is ingested, or in case of obvious disturbance, drink plenty of water and consult your doctor immediately.

Powder:

Not specifically needed. In any case, compliance with the rules of good industrial hygiene is recommended.

5. FIRE-FIGHTING MEASURES

As in any fire, wear self-contained, pressure-demand, MSHA/NIOSH (or equivalent) approved breathing apparatus and full protective equipment.

Suitable extinguishing media: CO₂, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam. Take fire-fighting measures compatible with adjacent products.

Unsuitable extinguishing media: None.

Special hazards arising from the mixture: No information about it

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

In the event of vapors or dust dispersed in the air, adopt respiratory protection. These indications are valid both for those involved in the work and for emergency interventions.

6.2. Environmental precautions

In case of infiltration into bodies of water or sewers, notify the competent authorities. Dilute abundantly with water after collecting the product. Prevent infiltration into the subsoil/soil. Prevent infiltration into sewers, surface waters and ground waters. In case of penetration into the ground warn the competent authorities.

6.3. Methods and materials for containment and cleaning up

Embank with earth or inert material. Collect most of the material and eliminate the residue with jets of water. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding individual protection and disposal is given in sections 7, 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle the product after consulting all other sections of this safety data sheet. Use the personal protective equipment described in paragraph 8. Avoid contact with eyes and skin. Do not ingest and do not inhale. Wash hands before breaks and immediately after handling the product. Avoid dispersion of the product in the environment. Do not eat, drink or smoke during use. In the event of transferring large quantities in the absence of suction systems, provide respiratory protection. Accurate aspiration in the workplace

7.2 Conditions for safe storage, including any incompatibilities Forbid access to unauthorized persons.

Store the product:

- at room temperature
- Keep product in clearly labeled in the original and tightly closed containers.
- avoid direct exposure to light.

Do not mix with strong reducing agents or hydrides, avoid contact with heavy metal salts, with strong bases, primary or secondary amines.

7.3 Specific end uses

The product is exclusively dedicated for the use indicated in paragraph 1.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Based on the composition indicated in paragraph 3, the following safety measures are suggested:

- Observe the usual safety measures when handling chemicals
- Use with adequate ventilation to ensure exposure levels are below the limits set out above.
- Personal protective equipment:
 - o Protective mask: in short and minimal exposures, use the mask; in the most intense and long-lasting exposures, wear a self-contained breathing apparatus
 - o Protective gloves: The selected protective gloves have to satisfy the requirements of REGULATION (EU) 2016/425 and the standard (EN 374) derived from it.
 - o Occhiali protettivi a tenuta
- General protective and hygienic measures
- Handle according to good industrial hygiene and safety practices. Wash your hands before breaks and at the end of the work day.

9. CHEMICAL AND PHYSICAL PROPERTIES

Powder:

Property	Value
Appearance	powder
Color	white to beige
Odorless	smell
Melting or freezing point	Not available
Initial boiling point	Not applicable
Flammability	Not available
Lower explosion limit	Not available
Upper explosive limit	Not available
Flash point	Not applicable
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	6-8 10 g/l
Kinematic viscosity	Not available
Solubility	soluble in water
Partition coefficient: n-octanol/water:	Not available
Vapor pressure	Not available
Density and/or Relative density	0.7 - 0.8 g/cm ³
Relative vapor density	Not available
Particle characteristics	Not available

Liquid:

Property	Value
Form:	Liquid
Color:	Colorless
Odour:	Characteristic
Odor threshold:	Not defined
pH values at 20 °C:	7
Change of status	
Melting point/freezing point: 0 °C	
Initial boiling point and boiling range: 100 °C	
Flash point:	Not applicable Flammability (solid, gas): n.a.
Self-ignition temperature:	n.a.
Decomposition temperature:	n.a.
Auto-ignition temperature:	Product not self-flammable.
Explosive properties:	Product not explosive.
Flammability Limits:	Bottom: n.a. Upper: n.a.
Vapor pressure at 20 °C:	23 hPa
Density at 20 °C:	1.18 g/cm ³
Relative density	n.a.
Vapor density:	n.a.
Evaporation rate	n.a.
Solubility in / Miscibility with	
Water: Completely miscible.	
Organic solvents:	Soluble in alcohols
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamics: Not defined. Kinematics: Not defined.	
Solvent separation test: n.a. Water: 51.0%	
After mixing Liquid and powder	
State:	Gel, after mixing
Odor:	Pungent

Color:

Opalescent

10. STABILITY AND REACTIVITY

Powder:

10.1. Reactivity

There are no particular dangers of reaction with other substances under normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Dusts are potentially explosive when mixed with air.

10.4. Conditions to avoid

Avoid accumulation of dust in the environment.

10.5. Incompatible materials Information not available

10.6. Hazardous decomposition products

Information not available

Liquid:

Chemical stability: stable under normal conditions of use and handling Conditions to avoid heat, exposure to direct light and humidity.

Materials to avoid metal ions, water, reducing and alkaline substances. Hazardous decomposition products: oxygen.

Dangerous polymerizations: none.

11. TOXICOLOGICAL INFORMATION

Liquid:

Acute Toxicity: Harmful if swallowed or inhaled. Effects deriving from short and long exposures:

Serious Eyes damage/Eye irritation: severe irritation and possible damage. Avoid contact with eyes.

Skin corrosion/Skin irritation: avoid contact, especially given the intended use, avoid contact with the gum.

Ingestion: if ingested it causes irritation to all parts in contact with the product.

Respiratory or skin sensitization: based on available data, the classification criteria are not met.

Powder:

Acute toxicity: Does not meet the classification criteria for this hazard class

Skin corrosion / skin irritation: Does not meet the classification criteria for this hazard class Serious eye damage / eye irritation: Does not meet the classification criteria for this hazard class. Respiratory or skin sensitization: Does not meet the classification criteria for this hazard class

12. ECOLOGICAL INFORMATION

Use according to good working practices, avoiding dispersal of the product in the environment. Notify the competent authorities if the product has reached watercourses or if it has contaminated the soil or vegetation.

13. DISPOSAL CONSIDERATIONS

Products residues as such are to be considered special non-hazardous waste. Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local legislation. For solid residues, consider the possibility of disposal in authorized landfills.

To dispose of small quantities, dilute abundantly with water. CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

14. TRANSPORT INFORMATION

Powder:

The product is not to be considered dangerous in accordance with the provisions in force regarding the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

- 14.1. UN number or ID number
Not applicable
- 14.2. UN proper shipping name
Not applicable
- 14.3. Transport hazard classes
Not applicable
- 14.4. Packing group
Not applicable
- 14.5. Dangers to the environment
Not applicable
- 14.6. Special precautions for user
Not applicable
- 14.7. Shipping in bulk in accordance with IMO acts Irrelevant information

Liquid:

- 14.1. UN number or ID number UN2014
- 14.2. UN proper shipping name Hydrogen peroxide, aqueous solution
- 14.3. Transport hazard classes



- 14.4. Packing group ADR, IMDG, IATA II
- 14.5. Dangers to the environment Marine pollutant: No
- 14.6. Special precautions for user
 - Kemler N.: 559
 - EMS N.: F-H,S-Q
 - Segregation groups: Peroxides
 - Stowage Category: D
 - Stowage Code: SW1 Protected from sources of heat.
 - Segregation Code: SG16 Stow "separated from" class 4.1 SG59 Stow "separated from" permanganates SG72 See 7.2.6.3.2.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

15. REGULATORY INFORMATION

Liquid:

15.1 Legislative provisions and regulations on health, safety and the environment specific for the substance or mixture

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the components are contained.
- REGULATION (EC) n. 1907/2006 ANNEX XVII Restrictions: 3
- National provisions:

When applicable, refer to the following regulations and their subsequent additions:

- Presidential Decree 303/56 (article 64: health checks, prevention of occupational diseases); - Legislative Decree 475/82 (personal protective equipment);
- Legislative Decree 81/2008 and following (safety and health of workers in the workplace);
- Legislative Decree 52/97 (classification, packaging and labeling of dangerous substances)
- Legislative Decree 25/02 (chemical agents);
- Legislative Decree 65/03 (classification, packaging and labeling of dangerous preparations);
- Legislative Decree 152/06 (atmospheric emissions, liquid waste, waste). Indications regarding the limitation of working activities:
- Water hazard class: Class 1 water hazard (WGK1) (Self-classification): slightly dangerous.

15.2 Chemical Safety Assessment:

A Chemical Safety Assessment has not been carried out.

Powder:

Legislative provisions and regulations on health, safety and the environment specific for the substance or mixture None

Substances subject to the Rotterdam Convention: None

Substances subject to the Stockholm Convention: None

Health Checks Information not available

15.3 Chemical safety assessment A chemical safety assessment has not been prepared / is not yet available for the substance.

16. OTHER INFORMATION

The information contained in this Safety Data Sheet is based on our best knowledge of the product in question at the time of publication. This information is provided with the sole purpose of allowing the use, storage, transport, and disposal of the product in the most correct and safe ways. This information should not be considered a guarantee or a specification of the quality of the product. They refer only to the material specifically indicated and are not valid for the same when used in combination with other materials or in other processes not specifically indicated in the text of the Safety Data Sheet.

Users' attention is also drawn to the possible risks if a product is used for purposes other than those for which it is intended.