

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010  
Dental Use



Kulzer, LLC  
4315 S. Lafayette Blvd.  
South Bend, IN 46614 USA

Date Issued : 02/16/2018  
SDS No : 364-250.01

## Venus White Ultra

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

#### 1.1. Product identifier

**Product code** : 40005210 (MP/71118)  
**Product name** : Venus White Ultra  
**Product description** : Bleaching Gel

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

**Relevant identified uses** : Dental Teeth Bleaching Gel

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

##### Manufacturer

Kulzer, LLC (Mitsui Chemicals Group)  
4315 S. Lafayette Blvd.  
South Bend, IN 46614

**Customer Support** : (800) 431-1785

#### 1.4. Emergency telephone number

**CHEMTREC (NORTH AMERICA)** :(800) 424 - 9300  
**(INTERNATIONAL)** :+1(703) 527 - 3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

: The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Health** : Eye Damage, Category 1

#### 2.2. Label elements

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

**Hazard pictogram(s)** :   
Exclamation  
mark

**Signal Word** : DANGER

**Hazard statement(s)** : H318: Causes serious eye damage.

##### Precautionary statement(s)

**Prevention** : P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response** : P305: IF IN EYES:  
P315: Get immediate medical advice/attention.

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P351: Rinse cautiously with water for several minutes.  
P302+P352: IF ON SKIN: Wash with plenty of soap & water.  
P332+P313: If skin irritation occurs: Get medical advice/attention.

**Storage** : P273: Avoid release to the environment.  
**Disposal** : P501: Dispose of in compliance with governmental regulation. (EC1975L0442-20/11/2003)

### 2.3. Other hazards

**Immediate concerns** : No other adverse human effects.

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Not Applicable

### 3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%	Classification according to Regulation(EC) No 1272/2008 [CLP]
Hydrogen Peroxide	7722-84-1	231-765-0	< 15	EYE DMG.,Cat. 1; Acute Tox. (O),Cat. 4; Skin Irr.,Cat. 2; STOT SE,Cat. 3; H318; H332; H302; H315
Potassium Hydroxide	1310-58-3	215-181-3	< 5	Acute Tox. (O),Cat. 4; Skin Corr.,Cat. 1B; H302; H314

For full text of H-statements: see SECTION 16.

## 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** : Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops or persists.

**Following ingestion** : If swallowed in small quantity the product is harmless, otherwise consult a doctor.

**Following inhalation** : No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, 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

**Eyes** : Irritating to eyes.

**Skin** : May cause skin irritation.

**Ingestion** : May be harmful if swallowed in large quantities.

**Inhalation** : None expected for this product.

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

Notes to physician : NAP

### SECTION 5: Fire fighting measures

#### 5.1. Extinguishing media

Extinguishing media : Water Spray Only

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

Hazardous combustion products : Not determined

#### 5.3. Advice for firefighters

Fire fighting procedures : General: Evacuate all personnel; use protective equipment for fire-fighting. 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 : Refer to Section 8 for 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

Reference to other sections : NAP

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

General procedures : Avoid contact with eyes, skin and clothing.

Handling : Use suitable protective clothing.

Storage : See product labeling.

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

Shelf life : See product labeling

#### 7.3. Specific end use(s)

Specific end use(s) : Dental Teeth Bleaching Gel

### SECTION 8: Exposure controls / personal protection

#### 8.1. Control parameters

Control parameters : Hydrogen Peroxide CAS: 7722-84-1

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Control Parameters	Exposure Limits
OSHA PEL General Industry	1 ppm, 1.4 mg/m <sup>3</sup> TWA
OSHA PEL Construction Industry	1 ppm, 1.4 mg/m <sup>3</sup> TWA
OSHA PEL Maritime Industry	1 ppm, 1.4 mg/m <sup>3</sup> TWA
ACGIH TLV	1 ppm, 1.4 mg/m <sup>3</sup> TWA
NIOSH REL	1 ppm, 1.4 mg/m <sup>3</sup> TWA

Potassium Hydroxide CAS: 1310-58-3

Control Parameters	Exposure Limits
OSHA PEL	none
ACGIH TLV	2 mg/m <sup>3</sup>
AIHA WHEEL	none
NIOSH REL	2 mg/m <sup>3</sup>

Potassium Hydroxide CAS 1310-58-3 Canada

Alberta	2 mg/m <sup>3</sup> Ceiling
British Columbia	2 mg/m <sup>3</sup> Ceiling
Ontario	2 mg/m <sup>3</sup> Ceiling
Quebec	2 mg/m <sup>3</sup> Ceiling

Australia: None  
Mexico: None

**8.2. Exposure controls**

- Eye/face protection** : Wear eye protection.  
**Skin protection** : Wear suitable protective clothing and gloves.  
**Respiratory protection** : Good general ventilation should be sufficient to control airborne levels.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

- Physical state** : Gel  
**Colour** : Colorless to white  
**Odour** : Mint  
**pH** : 5.4 to 6.6  
**Solubility in water** : Partially Soluble

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### 9.2. Other information

**Additional information** : No further relevant information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** : Stable

#### 10.2. Chemical stability

**Chemical stability** : Stable when stored and handled under recommended conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous polymerization** : None

#### 10.4. Conditions to avoid

**Conditions to avoid** : Strong acids, strong bases, and oxidizing agents.

#### 10.5. Incompatible materials

**Incompatible materials** : Strong caustics, most metals.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** : None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Notes** :

**Other information** : Device is biocompatible when used as directed by dental professionals per ISO 10993-1.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Aquatic toxicity (acute)** : Do not allow to enter sewers or drains that may lead to waterways.

#### 12.2. Persistence and degradability

**Persistence and degradability** : Not determined

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : Not determined

#### 12.4. Mobility in soil

**Mobility in soil** : Not determined

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** : Not determined

#### 12.6. Other adverse effects

**Environmental data** : Not defined

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal method** : Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

### SECTION 14: Transport information

#### 14.1. UN number

**UN number** : NAP

#### 14.2. UN proper shipping name

**UN proper shipping name** : Not Dangerous Goods

#### 14.3. Transport hazard class(es)

**Hazard classification** : NAP

#### 14.4. Packing group

**Packing group** : NAP

#### 14.5. Environmental hazards

**Marine pollutant #1** : NAP

#### 14.6. Special precautions for user

**ADR - road** : NAP

**RID - rail** : NAP

**IMDG - sea** : NAP

**IATA - air** : NAP

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk** : NAP

### SECTION 15: Regulatory information

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

**General information** : Professional Cosmetic (US) not sold in the EU.

#### 15.2. Chemical safety assessment

**Chemical safety assessment** : See Section 11

### SECTION 16: Other information

**Relevant H-statements (number and full-text)** : Acute Tox. (O), Cat. 4: Acute Toxicity (Oral), Category 4  
EYE DMG., Cat. 1: Eye Damage, Category 1  
STOT SE, Cat. 3: Target Organ Toxicity (Single exposure), Respiratory Tract Category 3  
Skin Corr., Cat. 1B: Skin Corrosion, Category 1B  
Skin Irr., Cat. 2: Skin Irritation, Category 2  
H302: Harmful if swallowed.

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H314: Causes severe skin burns and eye damage.  
 H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H332: Harmful if inhaled.

**Prepared by**

: Anu Kattoju

**General statements**

: NAP = Not Applicable  
 NE = Not Established  
 TLV = Threshold Limit Value  
 PEL = Permittable exposure limits  
 MAK = Maximum Workplace Concentration  
 STEL = Short-term exposure limit  
 STEV = Short-term exposure value  
 TWA = Time Weighted Average  
 PPE = Personal Protective Equipment

**Additional SDS information**

: This is the first SDS.

**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.