

# 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 : 321-250.01

## Venus White Ultra Plus 15%

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

#### 1.1. Product identifier

Product code : 66060672( MZ/71097)  
Product name : Venus White Ultra Plus 15%  
Product description : Pre-filled Bleaching Gel Trays

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

Relevant identified uses : Professional Dental Teeth Whitening 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  
Acute Toxicity (Oral), Category 4

#### 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.  
H302: Harmful if swallowed.

##### Precautionary statement(s)

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

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<b>Response</b>	: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313: Get medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of soap & water. P332+P313: If skin irritation occurs: Get medical advice/attention. P301: IF SWALLOWED: P330: Rinse mouth. P312: Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Storage</b>	: P273: Avoid release to the environment.
<b>Disposal</b>	: P501: Dispose of container and unused contents in accordance with federal, state, and local requirements.

### 2.3. Other hazards

**Immediate concerns** : May cause serious damage to the eyes.

## 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	< 20	EYE DMG.,Cat. 1; Acute Tox. (O),Cat. 4; Skin Irr.,Cat. 2; STOT SE,Cat. 3; H318; H332; H302; H315
Polyvinylpyrrolidone	9003-39-8	618-363-4	< 10	Not classified
Sodium Hydroxide	1310-73-2	215-185-5	< 5	Skin Corr.,Cat. 1B; H314
Potassium Nitrate	7757-79-1	231-818-8	≤ 3	Oxid. Sol.,Cat. 2; Skin Irr.,Cat. 2; Eye Irr.,Cat. 2; STOT SE,Cat 3; H272; H335; H315; H319
Glycerin	56-81-5	200-289-5	< 40	Not classified
Potassium Hydroxide	1310-58-3	215-181-3	< 3	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

<b>Following eyes</b>	: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
<b>Following skin</b>	: Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops or persists.

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**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** : May cause serious damage.  
**Skin** : May cause skin irritation.  
**Ingestion** : Harmful if swallowed in large quantities.  
**Inhalation** : None expected for this product.

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

**Notes to physician** : May cause severe eye damage.

## 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** : None known.

### 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.

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**Handling** : Use suitable protective equipment.

**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)** : Professional Dental Teeth Whitening Gel

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

**Control parameters** : Sodium Hydroxide CAS: 1310-73-2

Control Parameters	Exposure Limits
OSHA PEL General Industry	2 mg/m <sup>3</sup> TWA
OSHA PEL - Construction Industry	2 mg/m <sup>3</sup> TWA
OSHA PEL - Shipyard Employment	2 mg/m <sup>3</sup> TWA
NIOSH REL	2 mg/m <sup>3</sup> Ceiling
ACGIH TLV	2 mg/m <sup>3</sup> Ceiling
CAL/OSHA PEL	2 mg/m <sup>3</sup> Ceiling

Hydrogen Peroxide CAS: 7722-84-1

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	1ppm, 1.4 mg/m <sup>3</sup> TWA
ACGIH TLV	1ppm, 1.4 mg/m <sup>3</sup> TWA
NIOSH REL	1ppm, 1.4 mg/m <sup>3</sup> TWA

### 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

**Appearance** : Highly viscous

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Colour	: Colorless
Odour	: Mint
pH	: ~ 5.2 to 7.0
Solubility in water	: Partially Soluble

### 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 : Avoid strong bases, metals, excess heat, exposure to moist air or water.

### 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

#### Acute

Dermal LD<sub>50</sub> : Not determined

Oral LD<sub>50</sub> : Not determined

Inhalation LC<sub>50</sub> : Not determined

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxicity : Not Determined

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

96-hour LC<sub>50</sub> : Not determined

48-hour EC<sub>50</sub> : Not determined

96-hour EC<sub>50</sub> : Not determined

### 12.2. Persistence and degradability

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**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 available

**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**

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**General information** : Please refer to the United States Food, Drug, and Cosmetic Act.

### 15.2. Chemical safety assessment

**Chemical safety assessment** : Not Determined

**Additional information** : This product is not considered dangerous for transportation.

### 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  
Eye Irr., Cat. 2: Eye Irritation, Category 2  
Oxid. Sol., Cat. 2: Oxidizing Solids, Category 2  
STOT SE, Cat 3: Target Organ Toxicity (Single exposure), Category 3  
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  
H272: May intensify fire; oxidizer.  
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.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.

**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.