

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

074570321

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

072358836 074567939 074570107 074570115 074570123 074570131 074570149 074570230 074570255 074570263

074570271 074570313 074570339 075134184 075134200 075134333 075134341

**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 : 224-250.01

**Venus White Pro 16%, Venus White Pro 22%**

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

**1.1. Product identifier**

**Product code** : 40005166, 40005167, 40005164, 40005165 (HV/71042, HW/71043)  
**Product name** : Venus White Pro 16%, Venus White Pro 22%  
**Product description** : Bleaching Gel

**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 Irritation, Category 2  
Skin Irritation, Category 2

**2.2. Label elements**

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

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

**Signal Word** : WARNING

**Hazard statement(s)** : H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**Precautionary statement(s)**

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

# 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 : 224-250.01

## Venus White Pro 16%, Venus White Pro 22%

**Response** : P305: IF IN EYES:  
P351: Rinse cautiously with water for several minutes.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of soap & water.

**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** : NAP

## 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]
Carbamide Peroxide	000124-43-6	204-701-4	< 24	Skin Irr.,Cat. 2; EYE DMG.,Cat. 1; STOT SE,Cat. 3; Oxid. Sol.,Cat 3; H272; H315; H318; H335
Potassium Nitrate	7757-79-1	231-818-8	3	Skin Irr.,Cat. 2; Eye Irr.,Cat. 2; STOT SE,Cat 3; H335; H315; H319
Sodium Hydroxide	1310-73-2	215-185-5	< 5	Skin Corr.,Cat. 1B; H314
Poly Acrylic acid	9003-01-4	618-347-7	< 10	Not classified

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.

# 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 : 224-250.01

## Venus White Pro 16%, Venus White Pro 22%

**Skin** : May cause skin irritation.  
**Ingestion** : May be 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** : NAP

## SECTION 5: Fire fighting measures

### 5.1. Extinguishing media

**Extinguishing media** : Please see Fire Fighting Equipment under Section 5.3.

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

**Hazardous combustion products** : None known.  
**Explosion hazards** : Not determined  
**Fire explosion** : Not determined  
**Sensitive to static discharge** : Not determined  
**Sensitivity to impact** : 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.  
: Water spray only.

## 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 equipment.  
**Storage** : See product labeling.

# 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 : 224-250.01

## Venus White Pro 16%, Venus White Pro 22%

### 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	3 Ceiling
CAL/OSHA PEL	2 mg/m <sup>3</sup> Ceiling

#### Sodium Hydroxide International Regulations

Country	Exposure Limits	Limit Values
Australia	Peak limitation(199)	2 mg/m <sup>3</sup>
Federal Republic of Germany	Short term level	2 mg/m <sup>3</sup> , 4 mg/m <sup>3</sup> , 5 minutes. 8 times per shift (1990)
United Kingdom	10 min Short term exposure limit (STEL)	2 mg/m <sup>3</sup> (1991)

### 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

**Odour** : Odorless or Minty

# 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 : 224-250.01

## Venus White Pro 16%, Venus White Pro 22%

pH : 6.0 to 7.5  
Solubility in water : Partially Soluble

### 9.2. Other information

Percent volatile : Not determined

## 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

Notes :

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

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxicity : Not Determined

#### Aquatic toxicity (acute)

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

Persistence and degradability : Not determined

### 12.3. Bioaccumulative potential

Bioaccumulative potential : Not determined

# 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 : 224-250.01

## Venus White Pro 16%, Venus White Pro 22%

### 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

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

### 15.2. Chemical safety assessment

Chemical safety assessment : See Section 11

**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 : 224-250.01

**Venus White Pro 16%, Venus White Pro 22%**

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

**SECTION 16: Other information**

**Relevant H-statements (number and full-text)** : EYE DMG., Cat. 1: Eye Damage, Category 1  
 Eye Irr., Cat. 2: Eye Irritation, Category 2  
 Oxid. Sol., Cat 3: Oxidizing Solids, Category 3  
 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.  
 H314: Causes severe skin burns and eye damage.  
 H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H319: Causes serious eye irritation.  
 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.