

## SAFETY DATA SHEET

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

### 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  
**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

Heraeus Kulzer, LLC (Mitsui Chemicals Group)  
300 Heraeus Way  
South Bend, IN 46614-2517  
USA  
(800) 431-1785

###### Distributor

Heraeus Kulzer, LLC (Mitsui Chemicals Group)  
300 Heraeus Way  
South Bend, IN 46614-2517  
USA  
(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 Directive 1999/45/EC

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

**Danger symbols** : Xi

**R phrases** : R36/38

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

**Health** : Eye Irritation, Category 2  
Skin Irritation, Category 2

##### 2.2. Label elements

###### Classification according to Directive 1999/45/EC

**Hazard pictogram(s)** : Xi



Irritant

**R&S statement(s)** : R36/38: Irritating to eyes and skin.

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

**Hazard pictogram(s)** :

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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.

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 and 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 : Not Applicable

### SECTION 3: Composition / information on ingredients

#### 3.1. Substances

Not Applicable

#### 3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt. %	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No 1272/2008 [CLP]
Carbamide Peroxide	000124-43-6	204-701-4	< 24	Xi; R36	Skin Corr.,Cat. 1B; Oxid. Sol.,Cat. 3; H272; H314
Potassium Nitrate	7757-79-1	231-818-8	3	O, Xi; R36/37/38; R22	Oxid. Sol.,Cat. 2; H272
Sodium Hydroxide	1310-73-2	215-185-5	< 5	C; R34	Skin Corr.,Cat. 1A; H314
Poly Acrylic acid	9003-01-4	N/A	< 10	Xi; R36/37/38	Not classified

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For full text of H-statements and R-phrases: 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** : 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.

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

- Notes to physician** : Not Applicable

**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.
- Fire fighting equipment** : Water spray only.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

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**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** : Not Applicable

**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.

**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** : Not Determined

**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

**pH** : 6.0 to 7.5

**Solubility in water** : Partially Soluble

**9.2. Other information**

**Percent volatile** : Not Determined

**SECTION 10: Stability and reactivity**

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**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**

**Notes** : 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

**12.4. Mobility in soil**

**Mobility in soil** : Not Determined

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

**Results of PBT and** : Not Determined

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vPvB assessment

**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 : N/A

**14.2. UN proper shipping name**

UN proper shipping name : Not Dangerous Goods

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

Hazard classification : Not Applicable

**14.4. Packing group**

Packing group : N/A

**14.5. Environmental hazards**

Marine pollutant #1 : N/A

**14.6. Special precautions for user**

ADR - road : Not Dangerous Goods

RID - rail : Not Dangerous Goods

IMDG - sea : Not Dangerous Goods

IATA - air : Not Dangerous Goods

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

Transport in bulk : Not Dangerous Goods

**SECTION 15: Regulatory information**

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

RoHS : Please refer to Regulation 1223/2009 on Cosmetics

**15.2. Chemical safety assessment**

Chemical safety assessment : See Section 11

Additional information : This product is not considered dangerous for transportation

**SECTION 16: Other information**

Relevant R-phrases and/or H-statements (number and full) : R22: Harmful if swallowed.  
R34: Causes burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.

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**text)** R36: Irritating to eyes.  
Oxid. Sol., Cat. 2: Oxidizing Solids, Category 2  
Oxid. Sol., Cat. 3: Oxidizing Solids, Category 3  
Skin Corr., Cat. 1A: Skin Corrosion, Category 1A  
Skin Corr., Cat. 1B: Skin Corrosion, Category 1B  
H272: May intensify fire; oxidizer.  
H314: Causes severe skin burns and eye damage.

**Prepared by** : Anu Kattoju

**Revision summary** : This SDS replaces the 11/17/2014 SDS. Revised: **Section 1:**  
. **Section 2:** . **Section 4:** NOTES TO PHYSICIAN. **Section 8:**  
PERSONAL PROTECTIVE EQUIPMENT - SKIN. **Section 10:**  
HAZARDOUS POLYMERIZATION, STABLE. **Section 11:** ACUTE ( ORAL LD<sub>50</sub> (rat), INHALATION LC<sub>50</sub> (rat) ACUTE. **Section 14:**  
VESSEL (IMO/IMDG) - MARINE POLLUTANT #1. **Section 15:**  
SECTION 15: Regulatory information. **Section 16:** GENERAL STATEMENTS.

**General statements** : N/A= Not Applicable

**Manufacturer disclaimer** : We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within our control, it is the user's obligation to determine the conditions of safe use of the product.