

SAFETY DATA SHEETS

This SDS packet was issued with item:

074570297

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

070451377

MATERIAL SAFETY DATA SHEET**SECTION 1 - PRODUCT IDENTIFICATION****Product identifier:** Venus White Ultra**Product Description:** Bleaching Gel**Product code:** 40005210**Product use:** Dental**Supplier's name and address:**

HERAEUS KULZER, LLC

300 Heraeus Way

South Bend, IN

46614

Phone #: 1-800-431-1785

Manufacturer's name and address:

HERAEUS KULZER, LLC

300 Heraeus Way

South Bend, IN

46614

Phone #: 1-800-431-1785

Emergency Telephone: In the event of chemical emergency involving a spill, leak, fire, exposure, or accident involving chemicals call CHEMTREC (24 hours) (800) 424-9300

SECTION 2 - CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Chemical Name	CAS #	EINECS	Classification	Content %
Hydrogen Peroxide	007722-84-1	231-765-0	O,Xi; R36	11.2

(Full text of R-Phrases can be found in Sections 15 and 16)

SECTION 3 - HAZARDS IDENTIFICATION**HAZARD DESIGNATION:**

"O"- Oxidizing

"Xi"- Irritant

POTENTIAL HEALTH EFFECTS:**Eyes:** Can cause severe eye irritation.**Skin:** May cause skin irritation.**SECTION 4 - FIRST AID MEASURES****Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.**Eye Contact:** Immediately remove any contact lenses, flush with plenty of water for 15 minutes. Have eyes examined and tested by medical personnel.**Ingestion:** Do **NOT** induce vomiting. Give large volumes of water. Call physician if ingested in large amounts.**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Fire Fighting Procedures: General: Evacuate all personnel; use protective equipment for fire fighting. Use a self-contained breathing apparatus when the product is involved in fire.

Fire Fighting Equipment: Foam, dry chemical, carbon dioxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Small Spill: Wipe up small amounts with chemical resistant or damp rag, which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

Large Spill: Absorb with inert, damp, non combustible material, then flush area with water.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep away from sources of ignition and direct sunlight.

Storage: Keep refrigerated.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

Eyes and Face: Wear eye protection

Skin: S36/37: Wear suitable protective clothing and gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Gel

Color: Colorless

Odor: Mint

SECTION 10 - REACTIVITY AND STABILITY DATA

Stability: Stable when stored and handled under recommended conditions

Conditions to Avoid: Strong acids, strong bases and reducing agents.

Polymerization: Not Applicable

SECTION 11 - TOXICOLOGICAL INFORMATION

Eye Effects; Severe eye irritation.

Skin Effects: May cause slight irritation.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Data: Biodegradability- Not established.

SECTION 13 - WASTE DISPOSAL

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

SECTION 14 - TRANSPORTATION INFORMATION

Road and Rail (ADR/RID)

Label: Not classified

Air (ICAO/IATA)

Label: Not Classified

Vessel (IMO/IMDG)

Label: Not Classified

SECTION 15 - REGULATORY INFORMATION

EUROPEAN COMMUNITY

ECC LABEL SYMBOL AND CLASSIFICATION:



“O”- Oxidizing

S24/25: Avoid contact with skin and eyes.



“Xi” – Irritant

R36: Irritating to eyes.

SECTION 16 - OTHER INFORMATION

Relevant R-Phrases:

R36: Irritating to eyes.

Prepared by: Cheryl Zimmerman

Telephone number: 800-431-1785

Preparation date: 2/2/10

Revision date: New

Additional notes or references: Not Applicable

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

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

Venus White Ultra

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

1.1. Product identifier

Product code : 40005210
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

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 : R41

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

Health : Eye Damage, Category 1

2.2. Label elements

Classification according to Directive 1999/45/EC

Hazard pictogram(s) : Xi



Irritant


R&S statement(s) : R41: Risk of serious damage to eyes.

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

Hazard pictogram(s) :

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

Venus White Ultra

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: P351: Rinse cautiously with water for several minutes. P315: Get immediate medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of soap and 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. (EC 1975L0442-20/11/2003)

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 Directive 67/548/EEC	Classification according to Regulation (EC) No 1272/2008 [CLP]
Hydrogen Peroxide	7722-84-1	231-765-0	< 15	Xi; O; R41	EYE DMG., Cat. 1; H271; H318; H302; H314; H332
Potassium Hydroxide	1310-58-3	215-181-3	< 5	C; R34	Skin Corr., Cat. 1B; Acute Tox. (O), Cat. 4; H302; H314

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

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

Venus White Ultra

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	: Not Determined
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

General procedures	: Refer to Section 8 for Personal Protective Equipment.
---------------------------	---

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

Venus White Ultra

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 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 : 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 to white

Odour : Mint

pH : 5.4 to 6.5

Solubility in water : Partially Soluble

9.2. Other information

Percent volatile : Not Determined

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

Venus White Ultra

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

Acute

Notes : 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.

96-hour LC₅₀ : Not Determined

48-hour EC₅₀ : Not Determined

96-hour EC₅₀ : 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 vPvB assessment : Not Determined

12.6. Other adverse effects

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

Venus White Ultra

Environmental data : Not defined

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 : N/A

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

15.2. Chemical safety assessment

Chemical safety assessment : See Section 11

SECTION 16: Other information

Relevant R-phrases and/or H-statements (number and full text) : R34: Causes burns.
R41: Risk of serious damage to eyes.
Acute Tox. (O), Cat. 4: Acute Toxicity (Oral), Category 4
EYE DMG., Cat. 1: Eye Damage, Category 1
Skin Corr., Cat. 1B: Skin Corrosion, Category 1B

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

Venus White Ultra

H271: May cause fire or explosion; strong oxidizer.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H332: Harmful if inhaled.

Prepared by

: Anu Kattoju

Revision summary

: This SDS replaces the 01/29/2015 SDS. Revised: **Section 1:** PRODUCT CODE/ PART #. **Section 2:** . **Section 8:** PERSONAL PROTECTIVE EQUIPMENT (EYES AND FACE). **Section 10:** CONDITIONS TO AVOID, HAZARDOUS POLYMERIZATION, INCOMPATIBLE MATERIALS. **Section 11:** ACUTE (ORAL LD₅₀ (rat), INHALATION LC₅₀ (rat) ACUTE. **Section 14:** . **Section 15:** RoHS, SECTION 15: Regulatory information. **Section 16:** Revision Summary.

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.