

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product identifier: Venus White Pro 35%
Product Description: Bleaching Gel
Product code: 40005460, 40005462, 40005465
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

Materials	CAS #	EINECS	Classification	Content %
Carbamide Peroxide	000124-43-6	204-701-4	O,Xn; R22-41	20
Potassium Nitrate	007757-79-1	231-818-8	Xi; R36/37/38	0.5
Hydrogen Peroxide	007722-84-1	231-765-0	O, Xi; R36	5.5

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

SECTION 3 - HAZARDS IDENTIFICATION

HAZARD DESIGNATION:

“O”- Oxidizing

R8: Contact with combustible material may cause fire.

“Xn”- Harmful

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

“Xi” - Irritant

EMERGENCY OVERVIEW

Physical Appearance: Gel

POTENTIAL HEALTH EFFECTS

Eyes: Contact may cause eye irritation.

Skin: May cause skin irritation.

Ingestion: Substance may be harmful if swallowed.

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. Seek immediate medical attention.

Ingestion: If swallowed, do **NOT** induce vomiting. Give large volumes of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

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 (CO₂)

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.

ENVIRONMENTAL PRECAUTIONS:

Water Spill: Do not allow to enter sewers or drains that may lead to waterway.

SECTION 7 - HANDLING AND STORAGE

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

Handling: Use suitable protective equipment. 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: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

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

Respiratory: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Gel

Color: Clear to milky

Odor: Mint

SECTION 10 - REACTIVITY AND STABILITY DATA

Stability and Reactivity: Stable when stored and handled under recommended conditions

Conditions to Avoid: Excess heat and exposure to moist air or water, strong bases and acids, oxidizing agents and metals.

Polymerization: Not Applicable

Incompatible Materials: Strong caustics, most metals.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE:

Chemical Name	ORAL LD ₅₀ (rat)
Carbamide Peroxide	7060 mg/kg

Eye Effects: May be mildly irritating to the eyes.

Skin Effects: May cause slight irritation.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Data: Biodegradability – Not established.

Ecotoxicological Information: Not yet determined.

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)

HAZARD CLASS: 5.1

CLASSIFICATION CODE: 8

PACKING GROUP: II

Air (ICAO/IATA)

UN/NA NUMBER: 2014

PRIMARY HAZARD CLASS/DIVISION: 5.1

SECONDARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

Vessel (IMO/IMDG)

UN/NA NUMBER: 2014

PRIMARY HAZARD CLASS/DIVISION: 5.1

SECONDARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: II

LIMITED QUANTITY: 1 L

SECTION 15 - REGULATORY INFORMATION

EUROPEAN COMMUNITY

ECC LABEL SYMBOL AND CLASSIFICATION:



“O”- Oxidizing

R18: In use, may form flammable/explosive vapor-air mixture.



“Xn” – Harmful

R22: Harmful if swallowed.



“Xi” – Irritant

R36: Irritating to eyes.

SECTION 16 - OTHER INFORMATION

Relevant R-Phrases:

R36/37/38: Irritating to eyes, respiratory system and skin.

Prepared by: Cheryl Zimmerman

Telephone number: 800-431-1785

Preparation date: 2/15/11

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.