

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 : 138-250.01

Venus White Activator

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

1.1. Product identifier

Product code : 40005211 (XQ/15034)
Product name : Venus White Activator
Product description : Dental Bleaching Gel Activator

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

Relevant identified uses : Professional Dental Bleaching Gel Activator

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 : Skin Corrosion, Category 1A
Acute Toxicity (Oral), Category 4

2.2. Label elements

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

Hazard pictogram(s) : 
Corrosive

Signal Word : DANGER

Hazard statement(s) : H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.

Precautionary statement(s)

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

Response : P305: IF IN EYES:

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P351: Rinse cautiously with water for several minutes.
P315: Get immediate medical advice/attention.
P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P313: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P301: IF SWALLOWED:
P310: Immediately call a POISON CENTER or doctor/physician.
P330: Rinse mouth.
P331: Do NOT induce vomiting.

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 : Corrosive. Will cause eye burns and permanent tissue damage.

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]
Potassium Hydroxide	1310-58-3	215-181-3	< 15	Acute Tox. (O),Cat. 4; Skin Corr.,Cat. 1A; H302; H314
Glycerin	56-81-5	200-289-5	< 86	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 : Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

Following ingestion : If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center if you feel unwell.

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.

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4.2. Most important symptoms and effects, both acute and delayed

Eyes	: Causes severe eye burns.
Skin	: Corrosive, causes skin burning.
Ingestion	: Harmful if swallowed.
Inhalation	: None expected for this product.

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

Notes to physician	: Corrosive
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SECTION 5: Fire fighting measures

5.1. Extinguishing media

Extinguishing media	: Water spray, fog, or mist, foam, dry chemical, carbon dioxide (CO ₂)
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	: None known.
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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.
Additional information	: Do not use strong water jet for extinguishing - may cause spattering of burning material.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special protective equipment	: Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

Water spill	: Do not allow to enter sewers or drains that may lead to waterways.
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6.3. Methods and material for containment and cleaning up

Small Spill	: Clean up spills immediately, observing precautions in Protective Equipment section.
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
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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

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Shelf life : See product labeling

7.3. Specific end use(s)

Specific end use(s) : Professional Dental Bleaching Gel Activator

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters : Potassium Hydroxide CAS: 1310-58-3

Control Parameters	Exposure Limits
OSHA PEL	none
ACGIH TLV	2mg/m ³
AIHA WHEEL	none
NIOSH REL	2mg/m ³

Canada

Alberta	2mg/m ³ Ceiling
British Columbia	2mg/m ³ Ceiling
Ontario	2mg/m ³ Ceiling
Quebec	2mg/m ³ Ceiling

Australia: None

Mexico: None

8.2. Exposure controls

Eye/face protection : Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin protection : Wear suitable protective clothing and gloves.

Respiratory protection : Good general ventilation should be sufficient to control airborne levels.

Other precautions : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Gel

Colour : Whitish

Odour : Odorless or no characteristic odor

pH : > 12

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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 : Heat, moisture, incompatibles.

10.5. Incompatible materials

Incompatible materials : Acids, flammable liquids, organic halogen compounds, trichloroethylene, nitromethane, aluminum, tin, zinc.

10.6. Hazardous decomposition products

Hazardous decomposition products : None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute

Dermal LD₅₀ : Not determined

Oral LD₅₀ : Not determined

Inhalation LC₅₀ : Not determined

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : Readily biodegradable.

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

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12.4. Mobility in soil

Mobility in soil : Does not bioaccumulate.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : Not determined

12.6. Other adverse effects

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 : 1760

14.2. UN proper shipping name

UN proper shipping name : Corrosive liquid N.O.S (Potassium Hydroxide Mixture)

14.3. Transport hazard class(es)

Primary hazard class/division : 8

14.4. Packing group

Packing group : II

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 : Please refer to Medical Devices Directive 93/42/EEC

15.2. Chemical safety assessment

Chemical safety assessment : Not Determined

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SECTION 16: Other information

Relevant H-statements (number and full-text) : Acute Tox. (O), Cat. 4: Acute Toxicity (Oral), Category 4
 Skin Corr., Cat. 1A: Skin Corrosion, Category 1A
 H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.

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

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.