



MATERIAL SAFETY
DATA SHEET FOR:
**GLUMA
DESENSITIZER**

(MSDS NO. R003)

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I - PRODUCT IDENTIFICATION MSDS NO. R003

COMPANY NAME:

Heraeus Kulzer, Inc., Dental Products Division

ADDRESS:

4315 S. Lafayette
South Bend, Indiana 46614
Tel No: (219) 291-0661
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PRODUCT NAME: Gluma Desensitizer

PRODUCT NO(S): 25142, 25143, 25131

SYNONYMS: Glutaraldehyde-Acrylic Solution

II - HAZARDOUS INGREDIENTS OF MIXTURES

MATERIAL: Glutaraldehyde

CASE#: 111-30-8

HAZARD: Toxic/

% By Weight: 1-<10

TLV: 0.82 mg/m3* ceiling

PEL: 0.82 mg/m3- ceiling

MATERIAL: 2-Hydroxyethyl methacrylate, pentanediol

HAZARD: Irritant

% By Weight: 20-<50

III - PHYSICAL DATA (ND=Not Determined) (NA=Not Applicable)

Vapor Pressure, mm HG: NA
Evaporation Rate (ether=1): NA
Solubility in H₂O: Moderately water soluble
Boiling Point: NA
Specific Gravity (H₂O=1): 1.05 gm/cm³
Vapor Density (Air=1): NA
% Volatile by Volume: NA
pH: 3.4
Appearance: Clear Liquid
Odor: Odor of glutaraldehyde

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IV - FIRE AND EXPLOSION

Flash Point:>+104° C
Flammable Limits: NA
Extinguishing Media: Carbon Dioxide, foam, dry chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

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V - REACTIVITY DATA

Stability:
Unstable[] Conditions to avoid
Stable[X] None
Incompatibility: (Materials to avoid) Contact with iron or atmospheric oxygen
Hazardous Decomposition Products: None
Hazardous Polymerization:
May occur [] Conditions to avoid
Will not occur [X] None

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VI - HEALTH HAZARDS

OSHA Permissible Exposure Limit: None
ACGIH Threshold Exposure Limit: None
Other Exposure Limit Used: None
A. Acute Overexposure: Irritation to eyes and skin. May cause chemical burn.
B. Chronic, Other: None Known
Medical Conditions Generally Aggravated by Exposure: None Known
Hygienic Practices: None
Primary Route(s) of Exposure: Skin, Eye, Ingestion
Chemical Listed as Carcinogen or Potential Carcinogen: Not Listed

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VII - EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash affected area with soap and water.

Ingestion: Seek immediate medical advice, carry container label.
Eyes: Rinse immediately with plenty of water and seek medical advice.

| [REDACTED]

VIII - SPILL OR LEAK PROCEDURES

Spill Management:
Use absorbent to collect the material. Wash contaminated surfaces with soap and water.

Waste Disposal Methods:
This material contains hazardous constituents. Dispose of safely in accordance with local, state and federal regulations.

| [REDACTED]

IX - PROTECTION INFORMATION / CONTROL MEASURES

Respiratory: None Required
Eye Protection: Safety Goggles
Glove: Rubber / PVC gloves
Other Clothing and Equipment: None
Ventilation: None Required

| [REDACTED]

X- SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storage:
Store in a cool, dry location (below 80° F). Keep container sealed when not in use.

| [REDACTED]

XI - ADDITIONAL INFORMATION

Acute Toxicity: LD₅₀ oral rat 2,000 mg/kg
Ames test - negative
Acrylates can cause sensitization reactions.

| [REDACTED]

Date: March 12, 1996
Supersedes MSDS Dated: April 12, 1995

The opinions expressed herein are those of qualified individuals within Heraeus Kulzer, Inc. 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, Inc., it is the user's obligation to determine the conditions of safe use of the product.

Form MD.500 (5/92)

| [REDACTED]