

**MATERIAL SAFETY DATA SHEET**

197325 Brillianize

Revision Date:2/24/00

**Section I - Product Identification**

|  |  |
|--|--|
| Manufacturer's Name<br>The Brillianize Co. | Emergency Phone Number (24 Hours)<br> CHEMTREC @ (800)424-9300 |
| -----                                      | MSDS Request Phone Number:<br> 1-800-752-5139, Ext. 2745       |
| Street Address<br>4966 Industrial Way      | -----<br> For MSDS via Fax: 1-800-995-0088                     |
| City,State,Zip Code<br>Benicia, CA 94510   | -----<br> Date Prepared: March 17, 1998                        |
| -----                                      | -----  |
| Product Use: Cleaner                       | Prepared By: Jill Knight                                       |
| -----                                      | -----  |

Chemical Name, Trade Name, Synonyms: Brillianize

HMIS RATING

0 - Health      0 - Flammability      0 - Reactivity      0 - Personal Protection

**Section II - Hazardous Ingredients**

| Hazardous Components    | CAS NO.   | % WT. | Exposure Limits |           |       |
|-------------------------|-----------|-------|-----------------|-----------|-------|
|                         |           |       | OSHA PEL        | ACGIH TLV | OTHER |
| PROPRIETARY INFORMATION |           | 15%   | N.D.            | N.D.      |       |
| WATER                   | 7732-18-5 | 83%   | N.A.            | N.A.      |       |
|                         |           |       |                 |           |       |

NONE OF THESE COMPONENTS ARE HAZARDOUS AS DEFINED BY 29CFR 1910.1200, OSHA'S HAZARD COMMUNICATION STANDARD.

**Section III - Physical Data**

Boiling POINT (F): 212 F      |pH: N.D.

-----

Vapor Pressure(mm Hg): Approx. 20      |Freezing Point(F): N.D.

-----

Vapor Density (AIR = 1): Approx. 0.7      |% Volatile By Volume: Almost All

-----

Specific Gravity (H2O=1): 1      |Color And Odor: Milky white/very little odor

-----

Odor Threshold: N.D.      |Physical State: Liquid

-----

Evaporation Rate (Butyl Acetate = 1): Low (same as water)

-----

Solubility in Water: Highly soluble

-----

**Section IV - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED): N.A.      |Flammable Limits:  
|LEL: N.A.      |UEL: N.A.

-----

Auto-ignition Temperature: N.A.

-----

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR FOAM AS APPROPRIATE FOR SURROUNDING FIRE AND MATERIALS.

-----

Special Fire Fighting Procedures: AS WITH ALL FIRES, EVACUATE PERSONNEL TO A SAFE AREA. FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING EQUIPMENT AND PROTECTIVE CLOTHING.

-----

Unusual Fire And Explosion Hazards: EMITS TOXIC FUMES UNDER FIRE CONDITIONS. WHEN HEATED TO DECOMPOSITION, MATERIAL EMITS TOXIC FUMES.

-----

**Section V - Reactivity Data**

Stability      Unstable :      |Conditions to Avoid:  
                  Stable :      X |

-----

Incompatibility (Materials to Avoid): OXIDIZING MATERIAL MAY CAUSE A REACTION.

**MATERIAL SAFETY DATA SHEET**

197325 Brillianize

Revision Date:2/24/00

Hazardous Decomposition Products: SILICON DIOXIDE, CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

Hazardous | May Occur: | Conditions to Avoid: MATERIAL IS STABLE  
Polymerization | Will Not Occur: X | FROM A SAFETY POINT OF VIEW.

**Section VI - Health Hazard Data (Acute and Chronic)**

Primary Route(s) of Entry: INHALATION, SKIN, ACCIDENTAL INGESTION, SKIN INJECTION.

Oral Ingestion: N.D.

Eye Contact: IT MAY CAUSE EYE IRRITATION UPON EYE CONTACT OR UPON INJECTION INTO THE EYE.

Skin Contact: METHYL PARAHYDROXYBENZOATE CAN CAUSE SENSITIZATION REACTIONS AND DERMATITIS IN SENSITIVE INDIVIDUALS.

Inhalation: N.D.

Effects of Overexposure: HYPERSENSITIVITY TO THE MATERIAL.

Medical Conditions Generally Aggravated by Exposure: HYPERSENSITIVITY TO THE MATERIAL.

Carcinogenicity: CONTAINS NO MATERIALS THAT ARE CONSIDERED TO BE CARCINOGENS BY: NTP/IARC/OR OSHA.

Mutagenicity: N.D.

Teratogenicity: N.D.

Reproductive Toxicity: N.D.

**FIRST AID PROCEDURES**

Ingestion: N.D.

Eye: FLUSH AFFECTED AREA WITH WATER AND OBTAIN MEDICAL ATTENTION

Skin: FLUSH AFFECTED AREA WITH WATER AND OBTAIN MEDICAL ATTENTION

Inhalation: N.D.

**Section VII - Toxicology Information**

| Ingredient | Inhalation<br>LC50 | Oral<br>LD50 (RATS) | Dermal<br>LD50 (RABBITS) |
|------------|--------------------|---------------------|--------------------------|
| N.A.       | N.A.               | N.A.                | N.A.                     |

**Section VIII - Spill or Leak Procedure**

Steps to be taken in case material is released or spilled: USE ABSORBANT MATERIAL TO COLLECT AND CONTAIN MATERIAL FOR SALVAGE OR DISPOSAL.

Disposal Method: DISPOSE OF WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.

**Section IX - Special Protection Information**

Ventilation: VENTILATION SHOULD BE USED TO MAINTAIN EXPOSURE BELOW THE PEL & TLV.

Respiratory Protection: NONE REQUIRED

Protective Clothing: PROTECT EXPOSED SKIN. RUBBER OR VINYL GLOVES CAN BE USED IF EMPLOYEES EXPERIENCE SKIN IRRITATION.

**MATERIAL SAFETY DATA SHEET**

197325 Brillianize

Revision Date:2/24/00

Eye Protection: SAFETY GOGGLES SHOULD BE WORN WHEN SPLASH HAZARDS ARE PRESENT.

-----  
Other Protective Equipment: PROTECT EXPOSED SKIN. APPROPRIATE LAB APPAREL.

**Section X - Special Precautions**

Precautions to be taken in Handling and Storing: KEEP FROM FREEZING. THIS MATERIAL SHOULD BE HANDLED AND STORED PER LABEL AND OTHER INSTRUCTIONS TO INSURE PRODUCT INTEGRITY.

-----  
Other Precautions: AVOID CONTACT WITH EYES OR SKIN. EXERCISE CARE IN USING THIS MATERIAL WITH ANY PRESSURIZED SYSTEMS OFFERING POTENTIAL FOR EYE OR SKIN INJECTION.

**Section XI - Transportation Information**

Hazard Class: N.D.

DOT Proper Shipping Name: N.D.

-----  
**Section XII - Regulatory Information**

CERCLA/SUPERFUND,40 CFR 117,302: N.D.

SARA(TITLE III) - Sections 302, 311, 312, and 313: N.D.

Section 302 Extremely Hazardous Substances (40 CFR 355): N.D.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): N.D.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): N.D.

TOXIC SUBSTANCES CONTROL ACT (TSCA): N.D.

California Proposition 65: N.D.

-----  
**Section XIII - Addition Information**

NEW JERSEY RIGHT-TO-KNOW INFORMATION:

-----  
N.D. = No Data

N.A. = Not Applicable

The information herein given in good faith but no warranty, express or implied, is made.