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## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical Product and Company Identification

Issued by: JEEN International Corporation  
24 MADISON ROAD  
FAIRFIELD, NJ 07004  
Telephone # 973-439-1401  
**Chemtrec Emergency Telephone No.: 800-424-9300**  
**Chemtrec International Telephone No.: 703-527-3887 (Collect Calls Accepted)**  
Latest Revision: Aug. 1, 2001

Trade Name: **JEECID G-II**  
CAS No: Mixture  
CAS Registry Name: 1,2-Propanediol Urea, N-[1,3-BIS(Hydroxymethyl)-2,5-Dioxo-4-Imidazolidinyl]-N,N'-BIS (Hydroxymethyl)-/Benzoic Acid, 4-Hydroxy, Methyl Ester/Benzoic Acid, 4-Hydroxy-, Propyl Ester.  
Synonym: Propylene Glycol (57-55-6) and Diazolidinyl Urea [78491-02-8] and Methyl Paraben (99-76-3) and Propyl Paraben [94-13-3]

### Section 2 - Composition/Information on Hazardous Ingredients

CAS Registry Number: 78491-02-8  
CAS Registry Name: Urea, N-[1,3-BIS(Hydroxymethyl)-2,5-Dioxo 4-Imidazolidinyl]-N,N'BIS(Hydroxymethyl)  
Common Name: Diazolidinyl Urea  
Hazard%: 30.00  
Hazard Reference: Irritant

### Section 3 - Hazards Identification

#### Emergency Overview

Clear Pale Yellow Liquid with a Mild Odor.  
Causes severe eye irritation.  
May cause skin irritation

#### -Acute Toxicity-

Oral Toxicity: Rat LD50 > 2000 MG/KG  
Dermal Toxicity: Rabbit LD50>2000 MG/KG  
Inhalation Toxicity: No data found  
Skin Irritation: Rabbit: Moderately irritating. Rabbit: 1.0% Aqueous Solution; nonirritating.  
Sensitizer: No data found  
DOT Corrosive: No data found  
Primary Route(s) of Entry: Contact

#### -Signs and Symptoms of Exposure-

Symptoms of Ingestion: No effects of exposure expected.  
Symptoms of Inhalation: If misted, will cause irritation of mucous membranes, nose, eyes and throat, coughing, difficulty breathing.  
Symptoms of Skin Contact: Contact causes smarting and burning sensations, inflammation, burns, painful blisters. Profound damage to tissue.  
Symptoms of Eye contact: Will cause painful burning or stinging of eyes and lids. Watering of eyes, and inflammation of conjunctiva.  
Medical Conditions Aggravated By Exposure: No Data Found.



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Section 3 - Hazards Identification Continued.....

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**-Other Toxicity-**

Other Acute Toxicity:	No Data Found
Sub Chronic Oral Toxicity:	No Data Found
Sub Chronic Inhalation Toxicity:	No Data Found
Sub Chronic Miscellaneous Toxicity:	No Data Found
Aquatic Toxicity:	No Data Found
Tumorigenicity:	No Data Found
Mutagenicity:	No Data Found
Reproductive Toxicity:	No Data Found
Miscellaneous Toxicity:	No Data Found

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Section 4 - First Aid Measures

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First Aid for Ingestion:	Drink plenty of water. Call a physician. Never give anything by mouth to an unconscious person.
First Aid for Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. Preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
First Aid for Skin Contact:	Flush skin with water.
First Aid for Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

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Section 5 - Firefighting Measures

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Flash Point:	200 Deg. F (TCC)
Auto-ignition Temp:	No Data Found
Flammable Limits:	2.6% - 12.5%
Fire Fighting Media:	Foam/Alcohol Foam/Dry Chemical/Carbon Dioxide. Use Carbon Dioxide, Dry Chemical for small fires; Alcohol resistant or polymer foam for large fires.
Special Fire Fighting Procedures:	Firefighters should wear self-contained breathing apparatus and appropriate protective equipment.
Fire/Explosion Hazards:	None known.
NFPA Hazard Codes:	Health/Flammability/Reactivity: 2 1 0
HMIS Hazard Codes:	Health/Flammability/Reactivity: 2 1 0

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Section 6 - Accidental Release Measures

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Spill/Leak Clean-Up Procedures:	Absorb with earth, sand or similar inert material and dispose of with solid waste according to Federal, State and Local Regulations. Flush spill area with water.
EPA Hazardous Substance Reportable Quantity:	Not listed.

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Section 7 - Handling and Storage

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Precautionary Measures:	Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing mist. Use with adequate ventilation for misting operations. Keep container closed when not in use. Store at room temperature.
Disposal Method:	Dispose of with Liquid Waste according to Federal, State and Local Regulations.
RCRA Class:	Not regulated.



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#### Section 8 - Exposure Controls/Personal Protection

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Ventilation: Use with adequate ventilation for misting operations.  
Respiratory Protection: NIOSH-approved respirator for organic vapor when excess vapor is likely in breathing zone.  
Eye Protection: Chemical Goggles.  
Skin Protection: Impervious Gloves.  
Personal Hygiene: Wash thoroughly after handling.  
Protective Measures during Repair/Maintenance of Equipment:  
Wash Equipment thoroughly with steam or warm water until clean. Check for flammables with an "Explosion Meter" and also check the oxygen level with an oxygen meter. In all cases, follow good industrial safety practices before entering equipment.  
Exposure Limits: See Section 2 for Composition/Information on Hazardous Ingredients.

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#### Section 9 - Physical and Chemical Properties

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Boiling Point: 187.2°C  
Vapor Pressure@20°C: 0.22 mm Hg  
Vapor Density (Air=1): 2.62  
Water Solubility: Moderately soluble.  
Melting/Freezing Point: No Data Found  
Appearance: Clear Pale Yellow Liquid  
Specific Gravity.(Water=1):1.18  
Percentage Volatiles: Essentially nonvolatile at standard temperature and pressure.  
Evaporation Rate: 0.005 (Butyl Acetate=1)  
pH of Solution: No Data Found  
Odor: Mild Characteristic Odor

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#### Section 10 - Stability and Reactivity

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Stability: Stable  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: None known.  
Incompatible Materials: None known.  
Hazardous Decomposition Products: None known.

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#### Section 11 - Transport Information

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-Domestic Data-  
DOT Shipping Name: Not regulated  
DOT Hazard Class: Not regulated  
Hazardous Ingredient(s): None  
UN Number: None

-Export Data-  
Export Shipping Name: Not regulated  
Export Hazard Class: Not regulated  
Hazardous Ingredient(s): None  
UN Number: None

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