

# HUDSON

## MATERIAL SAFETY DATA SHEET

DATE PREPARED: 01/08/2003

MSDS No: DE

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** Diamond Extender 1 pint container**PRODUCT CODE:** DE**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

**Customer Service:** (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Ethylene Glycol	70 - 100	107-21-1
2-Butoxyethanol	0 - 20	111-76-2
Methanol	0 - 20	67-56-1

**COMPONENTS :****EXPOSURE LIMITS**

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Supplier</u>
Ethylene Glycol	50 ppm	50 ppm	
2-Butoxyethanol	50 ppm	50 ppm	
Methanol	S 200 ppm S = Skin	S 200 ppm	NL

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW****IMMEDIATE CONCERNS:** May be fatal or cause blindness is swallowed.**POTENTIAL HEALTH EFFECTS****EYES:** Irritation; redness and swelling of the conjunctiva.**SKIN:** May cause significant irritation to the skin.**SKIN ABSORPTION:** None Expected.**INGESTION:** Headache, dizziness, nausea, diarrhea, blindness and death.**INHALATION:** Irritation of respiratory tract, headache, nausea, and vomiting.

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**SUBCHRONIC/CHRONIC TOXICITY****CARCINOGENICITY:** Not Listed by NTP

Not listed by IARC

Not listed by OSHA

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**4. FIRST AID MEASURES****EYES:** Flush with water, lifting upper and lower lids.**SKIN:** Wash thoroughly with soap and water.**INGESTION:** Induce vomiting. dilute with water. Never give anything by mouth to anyone who is unconscious or convulsing. Get medical attention.**INHALATION:** Remove individual to fresh air. Keep person calm. If breathing is difficult, administer oxygen and get proper medical attention.

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**5. FIRE FIGHTING MEASURES****FLASHPOINT AND METHOD:** (184°F) Penskey-Marten CC**FLAMMABLE LIMITS:** 1.1 to 15.3**AUTOIGNITION TEMPERATURE:** Not Established**EXTINGUISHING MEDIA:** All-purpose type or alcohol-type foam, carbon dioxide or dry chemical.**EXPLOSION HAZARDS:** NA = Not Applicable**FIRE FIGHTING PROCEDURES:** NA = Not Applicable**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide due to burning.

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**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Soak up spilled material with paper towels and discard in trash.**LARGE SPILL:** Contain spill by diking to keep out of sewers. Dike to contain or prevent water pollution. If possible, stop the source of the leak or release. Knock down and dilute vapors with water fog or spray. Collect with vacuum equipment. Ground and bond all containers and handling equipment. Flush residue with plenty of water.**GENERAL PROCEDURES:** Eliminate ignition sources. Avoid eye or skin contact. Place leaking containers in well-ventilated area.

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**7. HANDLING AND STORAGE****HANDLING:** Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling.

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**STORAGE:** Store in unopened containers under cool and dry conditions.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide sufficient local exhaust and general ventilation to maintain exposure below PEL(s), especially for spraying operations which produce mists.

#### PERSONAL PROTECTION

**EYES AND FACE:** Wear safety glasses with side shields or goggles when handling this material.

**SKIN:** To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

**RESPIRATORY:** Use NIOSH/MSHA approved air supplied respirator in absence of proper environmental control.

**OTHER USE PRECAUTIONS:** Eye bath and safety shower should be available.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characteristic.

**APPEARANCE:** Clear

**COLOR:** Red

**pH:** Not Applicable

**PERCENT VOLATILE:** 100

**VAPOR PRESSURE:** 0.1 mmHg<sub>68</sub>

**VAPOR DENSITY:** 2.1 (Air=1)

**BOILING POINT:** (284°F)

**FREEZING POINT:** Not Applicable

**MELTING POINT:** (9°F)

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** 0.02 (n-Butyl Acetate=1)

**SPECIFIC GRAVITY:** 1.10 (water=1)

**VISCOSITY:** 50Centipoise

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#### 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**HAZARDOUS DECOMPOSITION:** Oxides of Carbon.

**INCOMPATIBLE MATERIALS:** Sulfuric acid and other dehydrating agents, nitric acid, oxygen, hydrogen peroxide, perchloric acid, chromium trioxide, and other strong oxidizing agents;

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acetic anhydride.

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#### 11. TOXICOLOGICAL INFORMATION

##### ACUTE

**DERMAL LD<sub>50</sub>:** 19 g/kg (ethylene glycol)

**ORAL LD<sub>50</sub>:** 1.6 g/kg (ethylene glycol)

**COMMENTS:** NA = Not Applicable

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#### 12. ECOLOGICAL INFORMATION

**COMMENTS:** NA = Not Applicable

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#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations. Do not pour liquid down drains or sewers.

**PRODUCT DISPOSAL:** Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

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#### 14. TRANSPORT INFORMATION

**COMMENTS:** Not regulated as a hazardous material.

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#### 15. REGULATORY INFORMATION

##### UNITED STATES

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**313 REPORTABLE INGREDIENTS:** Ethylene glycol, glycol ethers, methyl alcohol.

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA STATUS:** Listed

**GENERAL COMMENTS:** California-65: Contains trace levels of acetaldehyde and dioxane.

Massachusetts: Hazardous substances ethylene glycol and 2-butoxyethanol. Extraordinarily hazardous substances dioxane and methanol.

Pennsylvania: Ethylene glycol and 2-butoxyethanol.

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#### 16. OTHER INFORMATION

**APPROVED BY:** David C. Dillon      **TITLE:** Systems Administrator

**APPROVAL DATE:** 01/10/2003

**REVISION SUMMARY** New MSDS**NFPA CODES**

FIRE: 2 HEALTH: 2 REACTIVITY: 0

**HMIS CODES**

FLAMMABILITY: 0 HEALTH: 0 PHYSICAL HAZARD: 0

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