

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Grout Easy**

Description: Grout Release  
Product Code: Grout Easy  
Suggested Use: Prevent grouting smears  
Restrictions on Use: N/A

Supplier: Aldon Corporation  
P.O. Box 1030  
Whitefish, MT 59937

Telephone: 1-352-323-3500

Emergency Phone: **800-535-5053 352-323-3500**

#### 2. HAZARDS IDENTIFICATION

##### Classification

GHS Classification: Skin Irritation (Category 2)  
Eye Irritation (Category 2)  
Carcinogenicity (Category 2)

##### GHS Label Elements

Pictogram: 

Signal Word: **Warning**

Hazard Statements: H315: Causes skin irritation  
H320: Causes eye irritation  
H351: Suspected of causing cancer

Precautionary Statements: P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/ eye protection/ face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification: Health Hazard: 2  
Flammability: 1  
Physical Hazards: 0

NFPA Rating: Health Hazard: 2  
Fire: 1  
Reactivity Hazard: 0

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#### Potential Health Effects

Inhalation: Can be harmful if inhaled. Avoiding breathing vapors of the heated liquid.  
Skin: Can cause skin irritation.  
Eyes: Causes eye irritation.  
Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Trade Secret component	n/a	>10%
DEA-Oleic Acid	68855-44-7	>2%
Diethanolamine	111-42-2	<2%
Glycerine	56-81-5	<0.5%

#### 4. FIRST AID MEASURES

If Inhaled: If symptoms are experienced, move person into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek emergency medical attention immediately.

Skin Contact: If irritated, take off contaminated clothing and shoes immediately. Flush skin with plenty of soap and water for at least fifteen minutes. If irritation persists, consult a physician.

Eye Contact: If irritated, flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. If irritation persists, consult a physician.

If Ingested: Do NOT induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician or poison control center.

#### 5. FIREFIGHTING MEASURES

Flammability Overview: Low flammability risk.

Flash Point: >100°C (212)°F

Extinguishing Media: Use water fog, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.

Special Protective Equipment for Firefighters: Wear a self-contained breathing apparatus (SCBA) for firefighting if necessary.

Hazardous Combustion Products: Hazardous decomposition products under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Always ensure adequate ventilation.

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Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into the environment must be avoided.

Containment and Clean Up: Soak up with inert absorbent material and dispose of properly. Keep in suitable, closed containers for disposal. If assistance is needed, call CHEMTREC or emergency services.

#### 7. HANDLING AND STORAGE

Safe Handling: Use personal protective equipment. Always ensure adequate ventilation.

Safe Storage: Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Diethanolamine	111-42-2	1 mg/m <sup>3</sup>	ACGIH TWA (Inhalable fraction of vapor)
		10 mg/m <sup>3</sup>	OSHA PEL (Mist)
Glycerine	56-81-5	5 mg/ m <sup>3</sup>	OSHA PEL (Respirable fraction)
		15 mg/ m <sup>3</sup>	OSHA PEL (Total Dust)

##### Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid  
 Color: Light Yellow to Amber  
 Odor: Slight  
 Odor Threshold: N/A

pH:	8-10 (solution)
Melting/Freezing Point:	0°C (32°F)
Boiling Point:	>150°C (302°F)
Flash Point:	>100°C (212°F)
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	>1 (air=1)
Specific Gravity:	0.995
Density:	8.40 lbs/gal
Solubility in Water:	Dispersible
Partition Coefficient:	N/A
Autoignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	1000 cPs

#### 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions and Materials to Avoid:	Strong oxidizing agents. Avoid Nitrous acids and other nitrosating agents.
Hazardous Decomposition Products:	Hazardous decomposition products under fire conditions: Carbon oxides. Amines. Nitrates. Nitrites.

#### 11. TOXICOLOGICAL INFORMATION

##### Acute Toxicity

Component	CAS Number	Test	Toxicity
Grout Easy	68855-44-7	Oral LD50 (Rat)	>5000 mg/kg (Based on similar products)
	56-81-5	Dermal LD50	Not determined
	111-42-2	Inhalation LC50	Not determined

##### Potential Health Effects

Inhalation:	Can be harmful if inhaled. Avoiding breathing vapors of the heated liquid.
Skin:	Can cause skin irritation.
Eyes:	Causes eye irritation.
Ingestion:	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
Signs and Symptoms of Exposure:	Irritation.
Chronic Effects of Long-term Exposure:	See below.

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**Carcinogenicity:** Diethanolamine (CAS 111-42-2) is considered "2B-Possibly carcinogenic to humans" by IARC.

Diethanolamine (CAS 111-42-2) is considered "A3-Confirmed animal carcinogen with unknown relevance to humans" by ACGIH

Diethanolamine (CAS 111-42-2) is listed in CA Prop 65 as chemicals known to The State of California to cause cancer.

#### 12. ECOLOGICAL INFORMATION

##### Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
DEA-Oleic Acid	68855-44-7	N/D	N/D
Diethanolamine	111-42-2	Water flea Fathead minnow	48hr EC50 = 61-86 mg/L 96hr LC50 = >100 mg/L
Glycerine	56-81-5	Rainbow trout	96hr LC50 = >50,000 mg/L

##### Ecological Effects

**Persistence and Degradability:** No data available

**Bioaccumulation Potential:** Not expected to bio-accumulate

**Mobility in Soil:** No data available

**Other Adverse Effects:** Possibly harmful to the environment.

#### 13. DISPOSAL CONSIDERATIONS

**Disposal:** Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.

**Contaminated Packaging:** Dispose of as unused product.

#### 14. TRANSPORT INFORMATION

##### DOT Information

**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Diethanolamine)

**UN Number:** UN3082

**Hazard Class:** 9

**Packing Group:** PG III

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Reportable Quantity (RQ): 500 lbs (RQ of Diethanolamine is 100 lbs)

Marine Pollutant: N/A

Note: Regulated for bulk containers.

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#### 15. REGULATORY INFORMATION

##### US Federal

SARA 302 Components: None Listed

SARA 311/312 Hazards: Acute Health Hazard  
Chronic Health Hazard

SARA 313 Components: Diethanolamine (CAS 111-42-2). De minimis concentration = 1.0%.

TSCA Inventory: All chemicals listed

##### European Union

EC Inventory: All chemicals listed

##### State Regulations

CA Prop 65: Contains Diethanolamine (CAS 111-42-2) which are known to The State of California to cause cancer.

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#### 16. OTHER INFORMATION

SDS Version: 1.0

Revision Date: 12/29/2014

Supersedes: New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Aldon Corporation shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

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