



SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix Grout Release

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Pre-Grout Coating

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products
3490 Piedmont Rd Suite 1300
Atlanta, GA 30329

Telephone Number: (562)-598-8808

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

1910.1200 (OSHA HAZCOM2012)

Skin Irritant Category	Category 2
Serious Eye Irritation	Category 2
Skin Sensitization	Category 1B
Carcinogenicity	Category 2
Reproductive Toxicity	Category 2

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
Warning!

2.2b HAZARD STATEMENTS
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
Suspected of damaging fertility or the unborn child



SAFETY DATA SHEET

2.2c HAZARD PICTOGRAMS



2.2d PRECAUTIONARY STATEMENTS

i. PREVENTION	Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/ vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.
ii. RESPONSE	If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
iii. STORAGE	Store locked up.
iv. DISPOSAL	Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

2.3 ADDITIONAL INFORMATION

2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED
Not applicable

2.3b UNKNOWN ACUTE TOXICITY
7.48% of the mixture consists of ingredient(s) of unknown acute toxicity.

2.3c WHMIS CLASSIFICATION
Class D2B – Skin/Eye Irritant
Class D2B – Skin Sensitization
Class D2A – Reproductive Toxicity
Class D2A - Carcinogenicity

2.3d LABEL ELEMENTS ACCORDING TO WHMIS

i. WHMIS HAZARD SYMBOLS





SAFETY DATA SHEET

ii. WHMIS SIGNAL WORD

Warning!

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 MIXTURES**

Chemical Name	CAS Number	Weight %
Diethanolamine	111-42-2	1 – 5%
Cocamide DEA	61791-31-9/68603-42-9	1 – 10%
DEA-Oleic Acid	68855-44-7	1 – 10%

*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

Section 4: FIRST-AID MEASURES**4.1 DESCRIPTION OF THE FIRST-AID MEASURES**

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin Contact:	Causes skin irritation. Handling can cause dry skin. May cause sensitization by skin contact.



SAFETY DATA SHEET

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: Symptoms may not appear immediately.

Special Treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA

- 5.2a. Suitable Extinguishing Media:**
Treat for surrounding material (Water spray, Carbon Dioxide, Foam, Dry powder)
- 5.2b. Unsuitable Extinguishing Media:**
Not available.

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

- 5.3a. Products of Combustion:**
May include, and are not limited to: Nitrogen oxides or Ammonia.
- 5.3b. Explosion Data**
- i. Sensitivity to Mechanical Impact:**
Not available.
 - ii. Sensitivity to Static Discharge:**
Not available.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection(SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES



SAFETY DATA SHEET

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Recover all usable material. Soak up balance with sand and dirt. Prevent entry into sewage and waterways.

Methods for Cleaning-Up: Wash contaminated area with water until clean. Do not let rinsates enter into sewage and waterways. May be slippery. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear chemical resistant gloves and eye protection. Do not mix with other chemical products. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally.

General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Keep container tightly closed. Do not store in the presence of strong oxidizing agents. Store at room temperature and keep containers closed when not in use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exposure Guidelines:

Occupational Exposure Limits		
Chemical Name	OSHA-PEL	ACGIH-TLV
Diethanolamine	Not Available.	1 mg/m ³ 8 hours. Form: Inhalable fraction and vapor.
Cocamide DEA	Not Available.	Not Available.
DEA-Oleic Acid	Not Available.	Not Available.

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of



SAFETY DATA SHEET

dust, fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)] protection
- ii. **Skin Protection:**
 1. **Hand Protection:** Wear suitable gloves
 2. **Body Protection:** Wear suitable protective clothing
- iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear, Straw (pale yellow) Liquid
Odor:	Characteristic
Odor Threshold:	Not available
pH:	~9.1 – 9.7
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	~100°C (212°F)
Flash point:	> 212°F
Evaporation rate (Water=1):	< 1
Flammability:	Not flammable
Upper Flammability/Explosive Limit:	Not available
Lower Flammability/Explosive Limit:	Not available
Vapor Pressure	~30 mmHg
Vapor Density:	Not available
Relative Density:	1.02
Solubility in Water:	Complete
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (cps):	7,700 – 10,000
VOC Content:	18.4 g/L (1.8%)

Section 10: STABILITY AND REACTIVITY



SAFETY DATA SHEET

10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION

No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

10.5. INCOMPATIBLE MATERIALS

Strong oxidizing agents. Strong acids. Avoid Nitrous acids and Nitrosating agents to avoid creation of Nitrosamines.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield Nitrogen oxides or Ammonia.

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

Eye Contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Contact: Causes skin irritation. Handling can cause dry skin. May cause sensitization by skin contact.

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

Acute Toxicity		
Chemical Name	LC50	LD50
Diethanolamine	Not available	710 mg/kg (Oral) 12,200 mg/kg (Dermal)
Cocamide DEA	Not available	Not available
DEA-Oleic Acid	Not available	Not available



SAFETY DATA SHEET

Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)*
Diethanolamine	IARC, ACGIH, CP65
Cocamide DEA	IARC, CP65
DEA-Oleic Acid	Not available

11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM	
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage/Irritation:	Causes severe eye irritation
Respiratory Sensitization:	Not available
Skin Sensitization:	May cause an allergic skin reaction
STOT-Single Exposure:	Not available
Aspiration Hazard:	Not available
LONG-TERM	
Carcinogenicity:	Possibly carcinogenic to humans
Germ Cell Mutagenicity:	Not available
Reproductive Toxicity:	May damage the male reproductive system
STOT-Repeated Exposure:	Not available
Synergistic/Antagonistic Effects:	Not available

Section 12: ECOLOGICAL INFORMATION

12.1. ECOTOXICITY

In large amounts, this substance may be potentially dangerous or hazardous to the aquatic environment. Keep from entry into sewers and waterways.

Ecotoxicity		
Chemical Name	EC50/NOEC-48 Hours	LC50/NOEC-96 Hours
Diethanolamine	EC50 - 61-86 mg/L Water Flea	LC50 - >100 mg/L Fathead minnow

12.2. PERSISTENCE AND DEGRADABILITY

Readily biodegradable.

12.3. BIOACCUMULATIVE POTENTIAL

Not available.

12.4. MOBILITY IN SOIL

Not available

12.5. OTHER ADVERSE EFFECTS

Not available



SAFETY DATA SHEET

Section 13: DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

13.2. OTHER DISPOSAL CONSIDERATIONS

Not available

Section 14: TRANSPORT INFORMATION

DOT (U.S.)	TDG (CANADA)
UN NUMBER: Not regulated	UN NUMBER: Not regulated
UN PROPER SHIPPING NAME: Not regulated	UN PROPER SHIPPING NAME: Not regulated
TRANSPORT HAZARD CLASS (ES): Not regulated	TRANSPORT HAZARD CLASS (ES): Not regulated
PACKING GROUP (if applicable): Not regulated	PACKING GROUP (if applicable): Not regulated

SUMMARY: Product is not regulated under DOT/TDG and other transportation regulations.

14.1. ENVIRONMENTAL HAZARDS

Not available

14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available

14.3. SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012



SAFETY DATA SHEET

15.2. US FEDERAL INFORMATION:

SARA TITLE III: Section 302, Extremely Hazardous Substances, 40 CFR 355:

SARA TITLE III: Section 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Immediate (Acute) Health Hazard; Chronic Health Hazard; Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Section 313, Toxic Chemicals Notification, 40 CFR 372: This product may be subject to SARA notification requirements if it contains Toxic Chemical Constituents above their de minimus concentrations.

Clean Air Act - Diethanolamine identified as Toxic Air Contaminants by the Air Resources Board, pursuant to the provisions of AB 1807** and AB 2728** (includes all Hazardous Air Pollutants listed in the Federal Clean Air Act Amendments of 1990).

SARA TITLE III				
CHEMICAL NAME	SECTION 302 (EHS) TPQ (LBS)	SECTION 304 EHS RQ (LBS)	CERCLA RQ (LBS)	SECTION 313 (TRI)
Diethanolamine	Not listed	Not listed	100	Listed
Cocamide DEA	Not listed	Not listed	Not listed	Not listed
DEA-Oleic Acid	Not listed	Not listed	Not listed	Not listed

15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:	This product contains a chemical known to the State of California to cause cancer. (Diethanolamine, Cocamide DEA)
Other U.S. States "Right to Know" Lists:	Reportable threshold of Diethanolamine is 500 lbs for New Jersey

15.4. GLOBAL INVENTORIES

Chemical Name	USA TSCA	Canada DSL/NDSL
Diethanolamine	Yes	DSL
Cocamide DEA	Yes	DSL
DEA-Oleic Acid	Yes	DSL

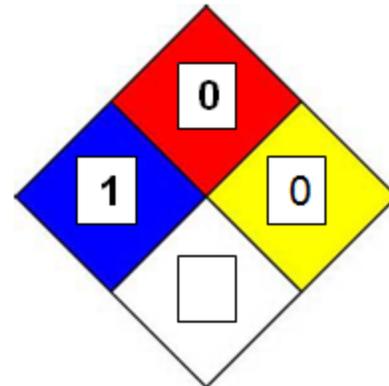


SAFETY DATA SHEET

NFPA

15.5. NFPA AND HMIS RATINGS:

<p align="center">HEALTH HAZARD</p> <p>4 EXTREME - Highly toxic - May be fatal on short-term exposure.</p> <p>3 SERIOUS - Toxic - Full protective suit and breathing apparatus should be worn.</p> <p>2 MODERATE - Breathing apparatus and face mask must be worn.</p> <p>1 SLIGHT - Breathing apparatus may be worn.</p> <p>0 MINIMAL - No precautions necessary.</p>	<p align="center">FLAMMABILITY HAZARD</p> <p>4 EXTREME - Extremely flammable gas or liquid. Flash Point below 73°F.</p> <p>3 SERIOUS - Flammable. Flash Point 73°F to 100°F.</p> <p>2 MODERATE - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.</p> <p>1 SLIGHT - Slightly combustible. Requires strong heating to ignite.</p> <p>0 MINIMAL - Will not burn under normal conditions.</p>
<p align="center">SPECIFIC HAZARD</p> <p>OXIDIZER OXY</p> <p>ACID ACID</p> <p>ALKALI ALK</p> <p>CORROSIVE COR</p> <p>Use NO WATER W</p> <p>RADIATION ☸</p>	<p align="center">INSTABILITY HAZARD</p> <p>4 EXTREME - Explosive at room temperature.</p> <p>3 SERIOUS - May detonate if shocked or heated under confinement or mixed with water.</p> <p>2 MODERATE - Unstable. May react with water.</p> <p>1 SLIGHT - May react if heated or mixed with water.</p> <p>0 MINIMAL - Normally stable. Does not react with water.</p>



HMIS

<p align="center">1 HEALTH</p>	<p>PROTECTIVE EQUIPMENT INDEX</p>	
<p align="center">0 FLAMMABILITY</p>	<p>A </p>	<p>G </p>
<p align="center">0 REACTIVITY</p>	<p>B </p>	<p>H </p>
<p align="center">0 PERSONAL PROTECTION</p>	<p>C </p>	<p>I </p>
<p align="center">B</p>	<p>D </p>	<p>J </p>
	<p>E </p>	<p>K </p>
	<p>F </p>	<p>X Ask your supervisor for special handling instructions.</p>

15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer <ul style="list-style-type: none"> • 1 – The agent (mixture) is carcinogenic to humans • 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. • 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.



SAFETY DATA SHEET

	<ul style="list-style-type: none">4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program <ul style="list-style-type: none">1 – Known to be carcinogens2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

Date of Preparation: February 14, 2014

Version: 1.0

Revision Date: N/A

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

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End of Safety Data Sheet