

Revision: 12/12/2017

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

CHEMICAL NAME:	Mixture
TRADE NAME:	GlassGuard-TG
CAS NO.	Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Tile & Grout Clear Coat
Uses Advised Against	None

Details of the Supplier of the safety data sheet

Company Identification	AtmosphereX, LLC 3275 Corporate View Vista, CA 92081 USA
------------------------	---

Telephone	760-600-5188
Email	info@atmospherex.net

Emergency telephone number

Emergency Phone No.	1-800-535-5053/1-352-323-3500
Emergency Contact	Infotrac

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

OSHA HCS (29 CFR 1910.1200)	Mixture
-----------------------------	---------

Flammable liquids	Category 0
Skin Sensitization	Category 1
Reproductive toxicity	Category 1

Label elements



Hazard Symbol (s)

Signal Word(s)

Warning

Hazard Statement(s)

H315	Cause skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H371	Suspected of damaging fertility or the inborn child.
H371	May cause damage to organs.

Precautionary Statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist or vapors.
P272	Containment work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303+P61+P353	IF ON SKIN (or Hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+PP351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

	P308+P313	If exposed or concerned: Get medical advice / attention.
Storage	P363 P403+P235	Wash contaminated clothing before reuse. Store in well-ventilated place. Keep cool
Disposal	P405 P501	Store locked up. Dispose of contents / container to an approved waste disposal plant.

Other hazards None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

Composition / Information on Ingredients	%W/W*	SARA	Vapor Pressure (mm hg@20° C)	LEL @25° C	CAS No.
Dibutyl Phthalate	1-5	YES	0	0.5	84-74-2
Ethylene Glycol Monobutyl Ether	1-5	YES	0.66	1.1	111-76-2
Diethylene Glycol Monomethyl Ether	1-5	YES	0.2	1.38	111-77-3
Diethylene Glycol Ethyl Ether	1-3	YES	0.2	1.38	111-90-0

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 list (40 CFR Part 373.65) are identified under the heading "SARA 313"

SECTION 4: FIRST AID MEASURES



Description of first aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If Inhaled	Exposure to mist/sprays may cause irritation of the respiratory tract. If inhaled, remove to fresh air. If respiratory symptoms develop, seek medical attention.
In case of skin contact	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Direct contact may cause mild skin irritation. Skin sensitization reactions are possible. Prolonged/Repeated contact may result in skin irritation and dermatitis. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	Immediately flush eyes with water for fifteen (15) minutes. Corneal injury is unlikely. Seek prompt medical attention.
If swallowed	Not anticipated to be an exposure route. If ingested, irritation of the gastrointestinal tract occur. Signes of central nervous system, depression (headache, fatigue, drowsiness, and loss of coordination) may occur.
Most important symptoms And effects, both acute and delayed	May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
Protection of first-aiders	First Aid should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exist.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media

Water fog
Foam
Dry chemical
Carbon dioxide

Hazardous combustion products:

Carbon monoxide
Carbon Dioxide
Incomplete combustion products

Flashpoint :

> 200° F

**Special protective equipment for
Fire fighters**

Use personal protective equipment with self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective
Equipment and emergency Procedures:**

Evacuate hazard area of unauthorized personnel.
Use personal protective equipment
Follow safe handling advice and personal protective equipment recommendations.

Environment precautions:

Prevent further leakage or spillage if safe to do so.
Prevent spreading over a wide area (e.g. by containment or oil barriers) Dike/Contain.

**Methods and materials for containment
And cleaning up:**

Avoid direct contact.
Soak up with inert absorbent material.
For large spills, provide diking or other appropriate containment to keep material from spreading. If diked apply absorbent and place cleanup material in sealed/marked containers for proper disposal.
Clean up remaining materials from spill suitable absorbent.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling:

Avoid direct contact.
Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage:

Keep in properly labeled containers.
Keep containers closed when not in use.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Ingredients with workplace control parameters




Ingredients	CAS No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Dibutyl Phthalate	84-74-2	PEL	5 mg/m3	OSHA
		PEL/CEILING	N/E	OSHA
		PEL/STEL	N/E	OSHA
		SKIN	No	OSHA
		TWA	5 mg/m3	ACGIH

		TLV/CEILING	N/E	ACGIH
		TLV/STEL	N/E	
		SKIN	No	ACGIH
Ethylene Glycol Monobutyl Ether	111-76-2	PEL	50 ppm	OSHA
		PEL/CEILING	N/E	OSHA
		PEL/STEL	N/E	OSHA
		SKIN	Yes	OSHA
		TWA	20 ppm	ACGIH
		TLV/CEILING	N/E	ACGIH
		TLV/STEL	N/E	ACGIH
		SKIN	Yes	ACGIH
Diethylene Glycol Monomethyl Ether	111-77-3	PEL	N/E	OSHA
		PEL/CEILING	N/E	OSHA
		PEL/STEL	N/E	OSHA
		SKIN	No	OSHA
		TWA	N/E	ACGIH
		TLV/CEILING	N/E	ACGIH
		TLV/STEL	N/E	ACGIH
		SKIN	No	ACGIH
Diethylene Glycol Ethyl Ether	111-90-0	TWA	25.000000ppm	USA. Workplace Environment Levels (WEEL)

N/E: Not Established

Engineering measures

None required under normal use conditions.

Personal protection measures	
Eye / Face Protection 	Splash goggles or safety glasses with side-shields.
Skin and body protection 	Select appropriate protective clothing. Choose gloves to protect hands against chemical depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Wash hands before breaks and at the end of the workday.
Respiratory Protection 	Under normal conditions, respirator is not required.
Hygiene Measures	Ensure that eye flushing systems and safety showers are located close to the working place. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque Liquid
Color	White / Milk
Odor	Mild
Odor Threshold	No data available
pH	N/E
Melting Point / freezing point	No data available
Initial boiling point and boiling range	212° F (For Water)
Flash Point	None
Evaporation rate	N/E
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	No data available

Relative vapor density	> 1 (Air=1)
Relative density	N/E
Solubility(ies)	
--- Water solubility	No data available
Partition coefficient n-octanol/water	No data available
Auto ignition temperature	No data available
Decomposition temperature	No data available
Viscosity Content	217 g/l
--- % Volatile by Volume	No data available
--- % Volatile by Weight	No data available
Explosive properties	Not Explosive
Oxidizing properties	No data available
Weight per gallon	8.46

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not classified as a reactivity hazard.
Chemical stability	Stable.
Possibility of hazardous reactions	Will not occur.
Conditions and materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	
--- Contact with water or humid air	Carbon monoxide, carbon dioxide, and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
 Skin contact
 Ingestion
 Eye contact

Skin Contact Considered to have a low order of toxicity.

Eye Contact Considered to have a low order of toxicity.

Inhalation Considered to have a low order of toxicity.

Ingestion Considered to have a low order of toxicity.

Signs and Symptoms Information on physical chemical and toxicological effects: Please see section 4 of this SDS.

Other Health Effects Contains no known carcinogens, hormone disruptors, bioaccumulatives, formaldehyde, or APEOs. Less than 10 grams per Liter VOC.

Component information:

Diethylene glycol Ethel ether CAS #111-90-0

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity Not established

Soil Mobility Not established

Degradability Not established

Bio accumulative Potential Not established

Other Adverse Effects Not Recognized

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods

Waste Disposal Information Product is classified as a non-hazardous waste for disposal purposes.

SECTION 14: TRANSPORTATION INFORMATION

International Regulation

LAND

UNRTDG

UN Number	Not Restricted
Proper Shipping name	Not Regulated
Class	None
Packing group	II None
Labels	None

AIR

IATA-DGR

UN Number	Not Restricted
Proper shipping name	Not Regulated
Class	None
Packaging group	None
Labels	Not Regulated
Packing instruction (Cargo Aircraft)	Not Regulated
Packing instruction (Passenger aircraft)	Not Regulated

SEA

IMDG-Code

UN Number	Not Restricted
Proper shipping name	Not Regulated
Class	None
Packing group	None
Labels	None
EmS Code	None
Marine Pollutant	No

Domestic regulation

49 CFR

UN/ID/NA Number	Not Restricted
Proper shipping name	Not Regulated
Class	None
Packing group	None
Labels	None
EmS Code	None
Marine Pollutant	No

US DOT

UN Number	Not Restricted
Proper Shipping name	Not Regulated
Class	None
Packing group	II None
Labels	None

Special Precautions Not recognized.

SECTION 15: REGULATORY INFORMATION

Other Regulatory Considerations None

SECTION 16: OTHER INFORMATION

This information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of the SDS material in the user's end product, if applicable.

Information contained herein is considered accurate to our best knowledge. It is offered for your consideration and investigation, and is not to be construed as a representation or warranty, expressed or implied, for which Atmosphere X assumes legal responsibility. Our warranties are limited to those expressly stated in formal contracts or in conditions of sale on our invoices. Methods of use vary and are beyond the control of Atmosphere X. Therefore, we disclaim any liability incurred as a result of product use. In accordance with the data contained herein. No information herein shall be construed as an offer of indemnity for infringement, or a recommendation to use these products in such a manner as to infringe any patent, domestic or foreign.