

Brilliant

SECTION 1. IDENTIFICATION

Product Identifier Brilliant
Recommended Use Floor finish.
Manufacturer W.E. Greer Ltd., 14704 - 119 Avenue, Edmonton, AB, T5L 2P1, 780-451-1516, www.wegreer.com
Emergency Phone No. CANUTEC, 1-888-226-8832, You can call *666 on your cellular phone

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2B; Specific target organ toxicity (single exposure) - Category 3

Label Elements



Warning

Hazard Statement(s):

Causes skin and eye irritation.
 May cause respiratory irritation.
 May be harmful if swallowed.

Precautionary Statement(s):

Prevention:

Wear protective gloves/protective clothing/eye protection/face protection.
 Wash hands thoroughly after handling.

Response:

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.
 IF ON SKIN: Wash with plenty of water/
 If eye irritation persists: Get medical advice/attention.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 Immediately call a POISON CENTRE or doctor.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Diethylene glycol monoethyl ether	111-90-0	6 - 8	
Ammonium hydroxide	1336-21-6	1	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is confulsing. Obtain medical attention.

First-aid Comments

Symptoms may be delayed.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Specific Hazards Arising from the Product

Hazardous combustion products may include but are not limited to: Oxides of carbon.

Special Protective Equipment and Precautions for Fire-fighters

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Wear personal protective equipment to avoid direct contact with this chemical. Avoid ALL unprotected contact with this product or with contaminated equipment/surfaces.

Conditions for Safe Storage

Keep out of reach of children. Store in a closed container. Separate from incompatible materials (see Section 10: Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Diethylene glycol monoethyl ether	Not established				25 ppm	
Ammonium hydroxide	25 ppm	35 ppm				

Appropriate Engineering Controls

General ventilation is usually adequate.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Not normally required if product is used as directed. For non-routine or emergency situations: wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Light white. Turns clear on exposure to air.

pH 8.45 - 8.78

Relative Density (water = 1) 1.024 - 1.035

Solubility Not available in water

Other Information

Physical State Liquid

Other Physical Property 1 Percent volatile: 78.4 - 79.8

SECTION 10. STABILITY AND REACTIVITY

Reactivity

May react with strong oxidizing agents.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Do not mix with other chemicals.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

May include but not limited to: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Diethylene glycol monoethyl ether	> 5.24 mg/L (rat)	8690 mg/kg (rat)	8415 mg/kg (rabbit)

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Ammonium hydroxide	3670 ppm (rat) (4-hour exposure)	350 mg/kg (rat)	
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Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals. May be absorbed through the skin.

Serious Eye Damage/Irritation

May cause irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause nose and throat irritation. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

Skin Absorption

Symptoms may include redness, rash, swelling and itching. May be absorbed through the skin.

Ingestion

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Effects similar to STOT (Specific Target Organ Toxicity) - Single Exposure, as described above. Symptoms may include dry, red, cracked skin (dermatitis). Symptoms can include redness, rash, swelling and itching.

Reproductive Toxicity

Development of Offspring

Animal studies show effects on the offspring. Known to cause: decreased weight, birth defects.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Diethylene glycol monoethyl ether	7500 mg/L (Lepomis macrochirus (bluegill); 96-hour)			> 500 mg/L (Desmodesmus subspicatus (algae); 72-hour)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

Listed on the DSL.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 0** **Instability - 0**

SDS Prepared By W.E. Greer Ltd.

Phone No. 780-451-1516

Date of Preparation December 20, 2016

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