

## Duro-Brite

### SECTION 1. IDENTIFICATION

**Product Identifier** Duro-Brite  
**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

Serious eye damage - Category 2; Specific target organ toxicity (single exposure) - Category 3

#### Label Elements



Signal Word:

Warning

Hazard Statement(s):

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Precautionary Statement(s):

Prevention:

Avoid breathing mist, spray.

Wash hands thoroughly after handling.

Wear protective gloves, eye protection.

Response:

IF ON SKIN: Wash with plenty of water.

If skin irritation 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 or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTRE or doctor if you feel unwell.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Immediately call a POISON CENTRE or doctor.

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Mixture:

Chemical Name	CAS No.	%	Other Identifiers
TRI(2-BUTOXYETHYL) PHOSPHATE	78-51-3	1-3	
Tripropylene glycol monomethyl ether	25498-49-1	1-3	
Diethylene glycol monoethyl ether	111-90-0	1-3	
Dipropylene glycol monomethyl ether	34590-94-8	1-3	

## 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

Wash with plenty of water. If skin irritation occurs, get medical advice or attention.

#### Eye Contact

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 or attention.

#### Ingestion

Rinse mouth with water. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again. Immediately call a Poison Centre or doctor.

## 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

May include but is not limited to: corrosive phosphorous oxides; very toxic carbon monoxide, carbon dioxide.

### Special Protective Equipment and Precautions for Fire-fighters

Do not use water jet as an extinguisher, as this will spread the fire.

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. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes. Only use where there is adequate ventilation. Avoid generating vapours or mists. Wear personal protective equipment to avoid direct contact with this chemical. Wash hands thoroughly after handling this material.

### Conditions for Safe Storage

Separate from incompatible materials (see Section 10: Stability and Reactivity). Keep out of reach of children.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Tripropylene glycol monomethyl ether	Not established		Not established			
Diethylene glycol monoethyl ether	Not established				25 ppm	
Dipropylene glycol monomethyl ether	100 ppm	150 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 air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

**Appearance** Milky white liquid.

**Initial Boiling Point/Range** > 100 °C (212 °F)

**Relative Density (water = 1)** 1.032

### Other Information

**Physical State** Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong oxidizing agents (e.g. perchloric acid), strong bases (e.g. sodium hydroxide), organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), strong acids (e.g. hydrochloric acid).

### Hazardous Decomposition Products

May include but not limited to: very toxic carbon monoxide, carbon dioxide; corrosive phosphorous oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; skin absorption; eye contact; ingestion.

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## Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
TRI(2-BUTOXYETHYL) PHOSPHATE		3000 mg/kg (rat)	
Tripropylene glycol monomethyl ether		3300 mg/kg (rat)	
Diethylene glycol monoethyl ether	> 5.24 mg/L (rat)	8690 mg/kg (rat)	8415 mg/kg (rabbit)
Dipropylene glycol monomethyl ether		5120 mg/kg (rat)	9480 mg/kg (rabbit)

## Skin Corrosion/Irritation

Human experience and animal tests show no or very mild irritation.

## Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

## STOT (Specific Target Organ Toxicity) - Single Exposure

### Inhalation

May cause nose and throat irritation.

### Skin Absorption

May be absorbed through the skin.

### Ingestion

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

## STOT (Specific Target Organ Toxicity) - Repeated Exposure

Symptoms may include dry, red, cracked skin (dermatitis).

## SECTION 12. ECOLOGICAL INFORMATION

This section is not required by WHMIS.

### 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

Dispose of contents and container in accordance with local, regional, national and international regulations.

## 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

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Canada

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

All ingredients are listed on the DSL/NDSL.

**SECTION 16. OTHER INFORMATION**

**NFPA Rating**                      **Health - 1**      **Flammability - 0**      **Instability - 0**

**SDS Prepared By**              W.E. Greer Ltd.

**Phone No.**                        780-451-1516

**Date of Preparation**            March 10, 2017

**Disclaimer**                      Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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