

# Supernova

## SECTION 1. IDENTIFICATION

**Product Identifier** Supernova  
**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

Acute toxicity (Oral) - Category 5; Acute toxicity (Dermal) - Category 5; Acute toxicity (Inhalation) - Category 5; Skin irritation - Category 2; Eye irritation - Category 2B; Reproductive toxicity - Category 2; Specific target organ toxicity (single exposure) - Category 3; Specific target organ toxicity (repeated exposure) - Category 2

### Label Elements



Warning

Causes eye irritation.  
 Causes skin irritation.  
 May cause respiratory irritation.  
 May be harmful if swallowed.  
 Suspected of damaging the unborn child.

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

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Acrylic Polymer	CBI*	36.3 - 39.6	
Diethylene glycol monoethyl ether	111-90-0	3.3 - 6.6	
Dipropylene glycol monomethyl ether	34590-94-8	0.7 - 3.3	
TRI(2-BUTOXYETHYL) PHOSPHATE	78-51-3	0.7 - 3.3	

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Polypropylene Emulsion		0.7 - 3.3	
Polyethylene Emulsion	CBI*	0.7 - 3.3	
Ammonium hydroxide	1336-21-6	1.0	
Propylene glycol phenyl ether	770-35-4	1.0	
Zinc oxide	1314-13-2	<0.7	

## 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 confusing. 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).

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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
Diethylene glycol monoethyl ether	Not established				25 ppm	
Zinc oxide	2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>				
Ammonium hydroxide	25 ppm	35 ppm				
Dipropylene glycol monomethyl ether	100 ppm	150 ppm				
Propylene glycol phenyl ether	Not established		Not established			

### 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 - 8.65
Relative Density (water = 1)	1.032 - 1.042
Solubility	Dispersible in water
Other Information	
Physical State	Liquid
Other Physical Property 1	Percent volatile: 76.1 - 79

## 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), strong acids (e.g. hydrochloric acid), acid anhydrides (e.g. acetic anhydride).

### Hazardous Decomposition Products

May include but not limited to: Oxides of carbon.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Diethylene glycol monoethyl ether		7500 mg/kg (rat)	
Zinc oxide	2500 mg/m <sup>3</sup> (mouse)	7950 mg/kg (mouse)	
Ammonium hydroxide	3670 ppm (rat) (4-hour exposure)	350 mg/kg (rat)	
Dipropylene glycol monomethyl ether		5120 mg/kg (rat)	
Propylene glycol phenyl ether	5.4 mg/L (rat) (4-hour exposure)	2830 mg/kg (male rat)	
TRI(2-BUTOXYETHYL) PHOSPHATE		3000 mg/kg (rat)	

### 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.

#### 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.

**Date of Preparation**      June 21, 2016

**Date of Last Revision**      August 12, 2016

**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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