

## Deep Scrub

### SECTION 1. IDENTIFICATION

**Product Identifier** Deep Scrub  
**Recommended Use** Floor Care.  
**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. HAZARDS IDENTIFICATION

#### GHS Classification

Acute toxicity (Oral) - Category 4; Acute toxicity (Dermal) - Category 5; Acute toxicity (Inhalation) - Category 4; Skin corrosion/irritation - Category 1; Serious eye damage/eye irritation - Category 1; Specific target organ toxicity (single exposure) - Category 3; Aspiration hazard - Category 2

#### GHS Label Elements



Danger

May cause chemical burns.  
 May cause blindness.  
 Harmful if swallowed.  
 Harmful if inhaled.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Call a POISON CENTRE/doctor/ if you feel unwell.  
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Call a POISON CENTRE/doctor/ if you feel unwell.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 If vomiting occurs, have victim lean forward to reduce risk of aspiration.  
 Immediately call a POISON CENTRE/doctor

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
1,2-Propylene glycol	57-55-6	10	
Tetrapotassium pyrophosphate	7320-34-5	10	
Alcohols, C12-16, ethoxylated, liquids	68551-12-2	3.0 - 5.0	

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Tetrasodium ethylenediaminetetraacetate	64-02-8	1.9 - 2.0	
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	0.9 - 1.5	
Ethanol	64-17-5	0.2 - 0.5	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

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

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice/attention if you feel unwell or are concerned.

#### Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Obtain medical attention immediately.

#### 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.

#### First-aid Comments

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Chemical

In a fire, the following hazardous materials may be generated: Oxides of carbon. Oxides of nitrogen. Oxides of phosphorus. Hydrogen chloride. Ammonia.

## 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. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

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

### Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-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. Prevent entry into waterways, sewers, basements or confined spaces. Contact emergency services and manufacturer/supplier for advice. Never return spills in original containers for re-use.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Prevent skin contact. Do not get in eyes. Avoid breathing in this product. Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical. Never add water to a corrosive. Always

add corrosives slowly to COLD water. General hygiene considerations: wash hands thoroughly after handling this material. When using do not eat or drink.

**Conditions for Safe Storage**

Store in a closed container. Keep out of reach of children. 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
Ethanol		1000 ppm A3				
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	Not established					
Tetrapotassium pyrophosphate	Not established		Not established			
1,2-Propylene glycol	Not established		Not established		10 mg/m3	
Sodium hydroxide		2 mg/m3				
Trisodium nitrilotriacetate	Not established		Not established			
Alcohols, C12-16, ethoxylated, liquids	Not established		Not established			
Ethylene Oxide	1 ppm A2		Not established			

**Appropriate Engineering Controls**

The hazard potential of this product is relatively low. 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 usually required when working with small quantities. 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**

<b>Appearance</b>	Red - orange liquid.
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	11.8 - 12.2
<b>Melting Point/Freezing Point</b>	Not available (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	1.110 - 1.119

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<b>Solubility</b>	Soluble in all proportions in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Other Physical Property 1</b>	Percent volatile: 76.1 - 78

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Reacts violently with acids.

### Chemical Stability

Stable under recommended storage conditions.

### Conditions to Avoid

Do not mix with other chemicals.

### Incompatible Materials

Reacts violently with: acid anhydrides (e.g. acetic anhydride), oxidizing agents (e.g. peroxides), strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

May include but not limited to: Oxides of carbon. Corrosive, oxidizing nitrogen oxides; corrosive phosphorous oxides. hydrogen chloride. Ammonia.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Ethanol		7060 mg/kg (male rat)	
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides		426 mg/kg (rat)	
1,2-Propylene glycol		14800 mg/kg (rat)	20800 mg/kg (rabbit)
TARTRAZINE		> 2000 mg/kg	
Ethylene Oxide	1460 ppm (4-hour exposure)		

### Skin Corrosion/Irritation

May burn the skin. Permanent scarring may result.

### Serious Eye Damage/Irritation

May irritate or burn the eyes. Permanent damage including blindness may result.

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

#### Inhalation

Harmful if inhaled. May cause nose and throat irritation.

#### Ingestion

May cause severe irritation or burns to the mouth, throat and stomach.

### Respiratory and/or Skin Sensitization

Non-hazardous by WHMIS criteria.

### Carcinogenicity

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Chemical Name	IARC	ACGIH®	NTP	OSHA
Ethanol	Group 2A	A3		

#### Reproductive Toxicity

##### Development of Offspring

Non-hazardous by WHMIS criteria.

##### Sexual Function and Fertility

Non-hazardous by WHMIS criteria.

## SECTION 12. ECOLOGICAL INFORMATION

#### Toxicity

##### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Ethanol	12-16 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; static)			
Tetrapotassium pyrophosphate	> 100 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	> 100 mg/L (Daphnia magna (water flea); 48-hour)		
1,2-Propylene glycol	51600 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour; static)	19000 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour)		
Tetrasodium ethylenediaminetetraacetate	486 mg/L (Lepomis macrochirus (bluegill); 96-hour; static)	19000 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour)		

#### Persistence and Degradability

No information was located.

#### Bioaccumulative Potential

No information was located.

#### Mobility in Soil

No information was located.

#### Other Adverse Effects

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal Methods

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

## SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group

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Canadian TDG	1760	Corrosive Liquid, N.O.S (Alkyl benzyl dimethyl ammonium chloride)	8	II
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**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 NDSL.

## SECTION 16. OTHER INFORMATION

**NFPA Rating**      **Health - 3**      **Flammability - 0**      **Instability - 0**

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

**Phone No.**      780-451-1516

**Date of Preparation**      July 11, 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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