

## CSG 3000

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	CSG 3000
<b>Product Family</b>	CSG
<b>Recommended Use</b>	Industrial Cleaner.
<b>Manufacturer</b>	W.E. Greer Ltd., 14704 - 119 Avenue, Edmonton, AB, T5L 2P1, 780-451-1516, www.wegreer.com
<b>Emergency Phone No.</b>	CANUTEC, 1-888-226-8832, You can call *666 on your cellular phone
<b>SDS No.</b>	0181

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin corrosion - Category 1; Serious eye damage - Category 1; Specific target organ toxicity (single exposure) - Category 3

#### Label Elements



Signal Word:  
Danger

#### Hazard Statement(s):

Causes severe skin burns and eye damage.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.

#### Precautionary Statement(s):

##### Prevention:

Avoid breathing mist, spray, vapours.  
Use only outdoors or in a well-ventilated area.  
Wash hands and skin thoroughly after handling.  
Wear protective gloves, eye protection.

##### Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTRE or doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Immediately call a POISON CENTRE or doctor.

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:

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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

Chemical Name	CAS No.	%	Other Identifiers
Sodium xylenesulfonate	1300-72-7	14	
Potassium hydroxide	1310-58-3	5 - 5.7	
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	3.6 - 6.0	
Tetrapotassium pyrophosphate	7320-34-5	2.5	
Sodium Metasilicate	6834-92-0	1.2 - 2.4	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega -hydroxy-, phosphate	51811-79-1	1.8 - 2	
Sulfuric acid	7664-93-9	0.06 - 3.0	
Benzene, mono-C10-13-alkyl derivs.	129813-58-7	0.06 - 0.3	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Call a Poison Centre or doctor if you feel unwell.

##### Skin Contact

Immediately rinse skin with lukewarm, gently flowing water for at least 30 minutes. Immediately call a Poison Centre or doctor.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Immediately call a Poison Centre or doctor.

##### Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. 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 sulfur oxides; very toxic carbon monoxide, carbon dioxide; corrosive phosphorous oxides.

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

#### Environmental Precautions

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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, on skin or on clothing. Wash hands thoroughly after handling this material. Avoid breathing in this product. Only use where there is adequate ventilation. Avoid generating vapours or mists. Prevent accidental contact with incompatible chemicals. Keep containers tightly closed when not in use or empty.

### Conditions for Safe Storage

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

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Sulfuric acid	0.2 mg/m <sup>3</sup>		Not established			
Sodium xylenesulfonate	Not established		Not established			
Potassium hydroxide			Not established	2 mg/m <sup>3</sup>		
Tetrapotassium pyrophosphate	Not established		Not established			
Sodium Metasilicate	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 air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Colourless liquid.
Odour	Soapy
pH	12.88 - 13.41
Relative Density (water = 1)	1.106 - 1.136
Solubility	Soluble in all proportions in water
<b>Other Information</b>	
Physical State	Liquid

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**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. Reacts in the presence of acidic conditions (low pH).

**Conditions to Avoid**

Incompatible materials.

**Incompatible Materials**

Reacts violently with: organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), strong acids (e.g. hydrochloric acid), strong oxidizing agents (e.g. perchloric acid).

**Hazardous Decomposition Products**

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

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation; skin contact; eye contact; ingestion.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Benzene, mono-C10-13-alkyl derivs.	> 1.82 mg/L	17000 mg/kg (rat)	> 10200 mg/kg (rat)
Benzenesulfonic acid, C10-16-alkyl derivs.		775 mg/kg (rat)	2000 mg/kg (rabbit)
Sulfuric acid	375 mg/m <sup>3</sup> (rat) (4-hour exposure) (aerosol)	2140 mg/kg (rat)	
Sodium xylenesulfonate		7200 mg/kg (rat)	
Potassium hydroxide		205 mg/kg (rat)	> 1260 mg/kg (rabbit)
Sodium Metasilicate		600 mg/kg (rat)	

**Skin Corrosion/Irritation**

Contact can cause pain, redness, burns, and blistering. Permanent scarring can 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**

May cause nose and throat irritation, depression of the central nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion.

**Ingestion**

Can cause effects as described for skin contact. Causes severe irritation or burns to the mouth, throat and stomach.

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

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

**Carcinogenicity**

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Chemical Name	IARC	ACGIH®	NTP	OSHA
Sulfuric acid		A2		

## 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
Benzene, mono-C10-13-alkyl derivs.	> water sol. (Pimephales promelas (fathead minnow); 96-hour)	0.08 mg/L (Daphnia magna (water flea); 48-hour)		
Sulfuric acid	82 mg/L (Brachydanio rerio (fresh water fish); 24-hour)			
Tetrapotassium pyrophosphate	> 100 mg/L (Oncorhynchus mykiss (rainbow trout); 96-hour)	> 100 mg/L (Daphnia magna (water flea); 48-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

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	3266	Corrosive Liquid, Basic, Inorganic (Potassium hydroxide)	8	III

**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)

All ingredients are listed on the DSL/NDSL.

#### CEPA - National Pollutant Release Inventory (NPRI)

Part 1B. (Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)- omega -hydroxy-, phosphate)

## SECTION 16. OTHER INFORMATION

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

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**SDS Prepared By** W.E. Greer Ltd.  
**Phone No.** 780-451-1516  
**Date of Preparation** February 28, 2017

**Disclaimer**

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**CSG 3000**



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Danger

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Prevention:

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Use only outdoors or in a well-ventilated area.  
Wash hands and skin thoroughly after handling.  
Wear protective gloves, eye protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTRE or doctor.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
Immediately call a POISON CENTRE or doctor.  
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.  
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