

# Hurricane

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Hurricane
<b>Other Means of Identification</b>	EV Hurricane
<b>Product Family</b>	EV
<b>Recommended Use</b>	Cleaner.
<b>Restrictions on Use</b>	Commercial and industrial use only.
<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

## SECTION 2. HAZARD IDENTIFICATION

### Classification

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

### Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes mild skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

Precautionary Statement(s):

Prevention:

Do not breathe dust/fume/gas/mist/vapours/spray.

Wear eye protection/face protection.

Response:

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

Continue rinsing.

IF ON SKIN: Wash with plenty of water/

If skin irritation occurs: Get medical advice/attention.

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

IF SWALLOWED: 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

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Urea, monohydrochloride	506-89-8	16		
Alcohols, C7-21, ethoxylated	68991-48-0	4		
Citric acid	77-92-9	4		

## 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 with lukewarm, gently flowing water for 15-20 minutes. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Call a Poison Centre or doctor if you feel unwell.

#### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Immediately call a Poison Centre or doctor.

#### Ingestion

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

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### Specific Hazards Arising from the Product

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

## 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.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid breathing in this product. Only use where there is adequate ventilation. Wash hands thoroughly after handling this material. 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.

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Date of Last Revision:

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Citric acid	Not established		Not established			
Urea, monohydrochloride	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

Where exposure guidelines may be exceeded: wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear green liquid.
pH	1.49
Relative Density (water = 1)	1.08
Solubility	Soluble in all proportions in water
Other Information	
Physical State	Liquid
Other Physical Property 1	Percent Volatile: 76.1

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Reacts in the presence of alkaline conditions (high pH).

### Conditions to Avoid

Incompatible materials.

### Incompatible Materials

Metals (e.g. aluminum), strong bases (e.g. sodium hydroxide), reducing agents (e.g. hydroquinone), strong reducing agents (e.g. hydrides).

### Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

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Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Citric acid		3000 mg/kg (rat)	
Alcohols, C7-21, ethoxylated		> 2000 mg/kg (rat)	
Urea, monohydrochloride		1121 mg/kg (rat)	

#### Skin Corrosion/Irritation

Human experience shows mild irritation.

#### 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.

##### 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

## 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	3265	Corrosive Liquid, Acidic, Organic (Urea, monohydrochloride)	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)**

Listed on the DSL.

## 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** January 05, 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

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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.