

# ULTRA RELEASE

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ULTRA RELEASE
<b>Other Means of Identification</b>	ESTEAM ULTRA RELEASE
<b>Product Family</b>	mixture
<b>Recommended Use</b>	Concentrated acidic rinse agent.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Esteam Mfg Ltd, 3750 19th NE , Calgary , Alberta, T2E6V2, 403-291-7050, esteam.com
<b>Emergency Phone No.</b>	Canutec, 1-613-996-6666, 24 hr
<b>Date of Preparation</b>	May 12, 2017

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Skin corrosion - Category 1A; Serious eye damage - Category 1; Skin sensitization - Category 1

### Label Elements



Signal Word:  
Danger

### Hazard Statement(s):

Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.

### Prevention:

Do not breathe dusts or mists.  
Wash hands thoroughly after handling.  
Wear eye protection, protective gloves.

### Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair) Take off all contaminated clothing immediately, Rinse skin with water  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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.  
Wash contaminated clothing before reuse.

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Storage:  
Store locked up.

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	Other Names
Glycolic acid	79-14-1	30-40		
Amides, tall-oil fatty, N,N-di-Me	68308-74-7	1-5		
Alcohol Ethoxylate	68991-48-0	1-5		

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

##### Skin Contact

Wash with plenty of water. Remove all contaminated clothes and shoes. Launder clothing before reuse.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned. Do not induce vomiting.

### 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

Does not burn.

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

As in any fire, wear self-contained breathing apparatus and protective suit.  
Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

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

#### Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.

#### Methods and Materials for Containment and Cleaning Up

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Contain and soak up spill with absorbent that does not react with spilled product.

#### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

When handling concentrated product: prevent skin contact. Do not get in eyes.

### Conditions for Safe Storage

Store in the original, labelled, shipping container. Keep container tightly closed. Store in cool dry place. Keep out of reach of children.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety glasses.

#### Skin Protection

Wear Chemical protective gloves.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Cloudy blue liquid. Turns light green
<b>Odour</b>	Floral
<b>Odour Threshold</b>	Not available
<b>pH</b>	1.0
<b>Melting Point/Freezing Point</b>	Not available (melting); 0 °C (32 °F) (freezing)
<b>Initial Boiling Point/Range</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Relative Density (water = 1)</b>	1.08
<b>Solubility</b>	completely in water; Not applicable (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Other Information</b>	
<b>Physical State</b>	Liquid

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<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Stable under recommended storage conditions.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Alkaline conditions (high pH).

### Incompatible Materials

Oxidizing agent, sulphides, active metals (such as sodium, potassium, magnesium).

### Hazardous Decomposition Products

Decomposition will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Glycolic acid	3.6 mg/L (rat) (4-hour exposure)	2040 mg/kg (rat)	> 5000 mg/kg (human)
Amides, tall-oil fatty, N, N-di-Me		> 5000 mg/kg (rat)	7200 mg/kg (rabbit)
Alcohol Ethoxylate		> 2000 mg/kg (rat)	> 2000 mg/kg (rat)

### Skin Corrosion/Irritation

Corrosive based on information for closely related materials.

### Serious Eye Damage/Irritation

May cause serious eye irritation based on information for closely related materials.

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

#### Inhalation

Excessive exposure may cause irritation to upper respiratory tract (nose and throat) and lungs.

#### Skin Absorption

May be harmful if absorbed through the skin.

#### Ingestion

May cause corrosion of mucous membranes with stomach discomfort, nausea and prostration.

### Aspiration Hazard

Not known to be an aspiration hazard.

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

No information was located.

### Respiratory and/or Skin Sensitization

May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

### Carcinogenicity

Not a carcinogen.

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**Reproductive Toxicity****Development of Offspring**

Does not cause harm.

**Sexual Function and Fertility**

Does not cause any effects.

**Germ Cell Mutagenicity**

Not known to be a mutagen.

**SECTION 12. ECOLOGICAL INFORMATION****Persistence and Degradability**

Readily Biodegradable.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

Studies are not 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
Canadian TDG	1760	Corrosive liquid N.O.S. (Glycolic acid)	8	II
US DOT	1760	Corrosive liquid N.O.S. (Glycolic acid)	8	II

**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 or are not required to be listed.

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

Not Specifically listed.

**USA****Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Product safety manager  
**Phone No.** 403-291-7050  
**Date of Preparation** May 12, 2017

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**Key to Abbreviations** IARC = International Agency for Research on Cancer  
ACGIH® = American Conference of Governmental Industrial Hygienists  
RTECS® = Registry of Toxic Effects of Chemical Substances

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).  
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA (“BIOVIA”). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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