

## XL-50

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	XL-50
<b>Other Means of Identification</b>	ESTEAM XL-50
<b>Product Family</b>	mixture
<b>Recommended Use</b>	CARPET CLEANER EMULSIFIER.
<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>	December 22, 2016

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Skin irritation - Category 2; Serious eye damage - Category 1

#### Label Elements



Signal Word:  
Danger

Hazard Statement(s):  
Causes serious eye damage.  
Causes skin irritation.

#### Prevention:

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

#### 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: Wash with plenty of water.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Dipropylene glycol monomethyl ether	34590-94-8	1-5	
Sodium Metasilicate	6834-92-0	1-5	
Potassium hydroxide	1310-58-3	1-5	

### Notes

\*The exact percentage (concentrations) of the substance in the mixture has been withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

If symptoms develop. Move to fresh air.

#### Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Remove all contaminated clothes and shoes. Contact a physician if irritation persists.

#### Eye Contact

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 or attention.

#### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned. DO NOT induce vomiting unless directed to do so by medical personnel.

## 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.

## 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

Concentrated product: it is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas.

## 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 release to the environment.

### Conditions for Safe Storage

Keep container tightly closed. Store in cool dry place. Keep out of reach of children.

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## 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 goggles.

#### Skin Protection

Wear Chemical protective gloves.

#### Respiratory Protection

Respirator not required, general ventilation is usually adequate.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear yellow liquid.
Odour	Citrus
Odour Threshold	Not available
pH	11.9
Melting Point/Freezing Point	0 °C (32 °F) (freezing)
Flash Point	Not applicable
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not available
Relative Density (water = 1)	1.030
Solubility	completely in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Other Information	
Physical State	Liquid
Molecular Formula	Not available
Molecular Weight	Not available

## 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.

### Conditions to Avoid

High temperatures.

### Incompatible Materials

Can react with strong oxidizers.

### Hazardous Decomposition Products

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During a fire, irritating/toxic carbon monoxide, carbon dioxide and other irritating/toxic gases and fumes may be generated.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Dipropylene glycol monomethyl ether	> 275 ppm (rat) (4-hour exposure)	> 5000 mg/kg (rat) 7 h	9510 mg/kg (rabbit)
Sodium Metasilicate	> 2060 mg/m <sup>3</sup> (rat)	1280 mg/kg (rat)	> 5000 mg/kg (rat)
Potassium hydroxide		273 mg/kg (rat)	> 1260 mg/kg (rabbit)

### Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

### Serious Eye Damage/Irritation

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

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

#### Inhalation

Not harmful based on information for closely related materials.

#### Skin Absorption

Not harmful based on information for closely related materials.

#### Ingestion

Harmful based on information for closely related materials.

### 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

Not known to be a respiratory sensitizer.

### Carcinogenicity

Not a carcinogen.

### Reproductive Toxicity

#### Development of Offspring

No information was located.

#### Sexual Function and Fertility

No information was located.

### Germ Cell Mutagenicity

Not mutagenic.

## SECTION 12. ECOLOGICAL INFORMATION

### Persistence and Degradability

No data available on the product itself.

### Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

### Mobility in Soil

Studies are not available.

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## 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. Not regulated under US DOT 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)

All ingredients are listed on the DSL or are not required to be 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** December 22, 2016

**References** CHEMINFO database. 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). Raw ingredient SDS's.

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