

## GREEN LINE SPOTTER

### SECTION 1. IDENTIFICATION

|                                      |  |
|--------------------------------------|--|
| <b>Product Identifier</b>            | GREEN LINE SPOTTER   |
| <b>Other Means of Identification</b> | ESTEAM GREEN LINE SPOTTER  |
| <b>Product Family</b>                | mixture  |
| <b>Recommended Use</b>               | Spotting 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>           | February 06, 2018  |

### SECTION 2. HAZARD IDENTIFICATION

**Classification**

Not classified under any hazard class.

**Label Elements**

Not applicable

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                       | CAS No.    | %   | Other Identifiers | Other Names |
|-------------------------------------|------------|-----|-------------------|-------------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 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**

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

**Skin Contact**

Rinse with lukewarm, gently flowing water for 5 minutes. 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

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## 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

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.

### Methods and Materials for Containment and Cleaning Up

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

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing.

### 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

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

It is good practice to wear chemical protective gloves.

#### Respiratory Protection

Not required.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Appearance</b>                   | Clear colorless liquid. |
| <b>Odor</b>                         | mild                    |
| <b>Odor Threshold</b>               | Not available           |
| <b>pH</b>                           | 8.0                     |
| <b>Melting Point/Freezing Point</b> | 0 °C (32 °F) (freezing) |
| <b>Initial Boiling Point/Range</b>  | 100 °C (212 °F)         |
| <b>Flash Point</b>                  | Not applicable          |

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|   |                  |
|---|------------------|
| <b>Evaporation Rate</b>                                 | Not available    |
| <b>Vapor Pressure</b>                                   | Not available    |
| <b>Vapor Density (air = 1)</b>                          | Not available    |
| <b>Relative Density (water = 1)</b>                     | 1.008            |
| <b>Solubility</b>                                       | Soluble in water |
| <b>Partition Coefficient, n-Octanol/Water (Log Kow)</b> | Not available    |
| <b>Decomposition Temperature</b>                        | Not available    |
| <b>Other Information</b>                                |                  |
| <b>Physical State</b>                                   | Liquid           |
| <b>Molecular Formula</b>                                | Not available    |
| <b>Molecular Weight</b>                                 | Not available    |
| <b>Surface Tension</b>                                  | 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

None Known.

### Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

### Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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) |

### Skin Corrosion/Irritation

Not a skin irritant.

### Serious Eye Damage/Irritation

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

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

#### Inhalation

Not harmful.

#### Skin Absorption

Not harmful.

#### Ingestion

May be irritating to mouth, throat and stomach.

### Aspiration Hazard

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Not known to be an aspiration hazard.

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

No information was located.

**Respiratory and/or Skin Sensitization**

Not a skin sensitizer.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity**

**Development of Offspring**

Does not cause harm.

**Sexual Function and Fertility**

Does not cause any effects.

**SECTION 12. ECOLOGICAL INFORMATION**

**Persistence and Degradability**

Considered to be biodegradable.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**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 on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Product safety manager

**Phone No.** 403-291-7050

**Date of Preparation** February 06, 2018

**References** CHEMINFO database. Canadian Center for Occupational Health and Safety (CCOHS).

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Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Center for Occupational Health and Safety (CCOHS). Raw ingredient SDS's.

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