



# Safety Data Sheet

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## Section 01 - Identification

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|  |   |
|--|---|
| <b>Product Identifier</b>                  | ClearFoam 7111  |
| <b>Other Means of Identification</b>       | None  |
| <b>Product Use and Restrictions on Use</b> | Defoamer in industrial and municipal wastewater applications                        |
| <b>Initial Supplier Identifier</b>         | ClearTech Industries Inc.<br>1500 Quebec Avenue<br>Saskatoon, SK. Canada<br>S7K 1V7 |
| <b>Prepared By</b>                         | ClearTech Industries Inc. Technical Writer<br>Phone: 1 (800) 387-7503               |
| <b>24-Hour Emergency Phone</b>             | Phone: 1 (306) 664 – 2522   |

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## Section 02 - Hazard Identification

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### GHS-Classification

This product has been assessed in accordance with the Hazardous Products Regulations and is not classified as a hazardous substance or mixture.

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## Section 03 - Composition / Information on Ingredients

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| Chemical Name   | CAS Number | Weight % | Unique Identifiers |
|---|------------|----------|--------------------|
| Water and/or ingredients not classified as hazardous under the Hazardous Products Regulations |            | 100%     |                    |

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## Section 04 - First Aid Measures

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|                                  |   |
|----------------------------------|---|
| <b>Inhalation</b>                | Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. Seek medical attention if difficulty in breathing persists.                              |
| <b>Skin Contact / Absorption</b> | Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.  |
| <b>Eye Contact</b>               | Contact lenses should not be worn when working with this product. Immediately flush eye water lukewarm, gently flowing water for at least 30 minutes. If irritation persists, seek medical attention.                   |
| <b>Ingestion</b>                 | If victim is conscious, give large amounts of water or milk to dilute the digested product. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Seek medical attention if discomfort occurs. |
| <b>Additional Information</b>    | Not Available   |

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## Section 05 - Fire Fighting Measures

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|   |   |
|---|---|
| <b>Suitable Extinguishing Media</b>                                   | Use an extinguishing media suitable for surrounding fire.                       |
| <b>Unsuitable Extinguishing Media</b>                                 | Do not use Non-alcohol resistant foam.  |
| <b>Specific Hazards Arising From the Chemical</b>                     | Not Available   |
| <b>Special Protective Equipment and Precautions for Fire-Fighters</b> | Wear NIOSH-approved self-contained breathing apparatus and protective clothing. |
| <b>Further Information</b>  | Not Available   |

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## Section 06 - Accidental Release Measures

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|   |   |
|---|---|
| <b>Personal Precautions / Protective Equipment / Emergency Procedures</b> | Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Flush with water to remove any residue. |
| <b>Environmental Precautions</b>  | Prevent material from entering sewers or waterways.   |
| <b>Methods and Materials for Containment and Cleaning Up</b>              | Clean up spill with non-reactive absorbent material and place in suitable, labelled containers for proper disposal.   |

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## Section 07 - Handling and Storage

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|                                      |   |
|--------------------------------------|---|
| <b>Precautions for Safe Handling</b> | Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure. |
| <b>Conditions for Safe Storage</b>   | Keep away from incompatible materials. Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Do not use pressure to empty container.  |
| <b>Incompatibilities</b>             | Concentrated and strong acids and alkalis.  |

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## Section 08 - Exposure Controls and Personal Protection

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### Exposure Limit(s)

| Component      | Regulation      | Type of Listing | Value |
|----------------|-----------------|-----------------|-------|
| ClearFoam 7111 | Not Established |                 |       |

### Engineering Control(s)

|                                 |   |
|---------------------------------|---|
| <b>Ventilation Requirements</b> | Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems. |
| <b>Other</b>                    | Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.   |

### Protective Equipment

|                  |   |
|------------------|---|
| <b>Eyes/Face</b> | No specific requirements, but it is good practice to wear chemical safety glasses while product is being handled. |
|------------------|---|

|                                 |  |
|---------------------------------|--|
| <b>Hand Protection</b>          | No specific requirements, but it is good practice to prevent skin contact by wearing impervious gloves of chemically resistant material.                     |
| <b>Skin and Body Protection</b> | No specific requirements, but it is good practice to prevent skin contact.<br>Impervious boots of chemically resistant material should be worn at all times. |
| <b>Respiratory Protection</b>   | A respiratory is not required if adequate ventilation is provided.   |
| <b>Thermal Hazards</b>          | Not Available  |

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## **Section 09 - Physical and Chemical Properties**

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### **Appearance**

|                        |               |
|------------------------|---------------|
| <b>Physical State</b>  | Liquid        |
| <b>Colour</b>          | White, opaque |
| <b>Odour</b>           | Not Available |
| <b>Odour Threshold</b> | Not Available |

### **Property**

|  |                |
|--|----------------|
| <b>pH</b>                                      | 6.5-8.5        |
| <b>Melting Point/Freezing Point</b>            | 0°C            |
| <b>Initial Boiling Point and Boiling Range</b> | Not Available  |
| <b>Flash Point</b>                             | Not Available  |
| <b>Evaporation Rate</b>                        | Not Available  |
| <b>Flammability</b>                            | Non-flammable  |
| <b>Upper Flammable Limit</b>                   | Not Applicable |
| <b>Lower Flammable Limit</b>                   | Not Applicable |
| <b>Vapour Pressure (mm Hg, 20°C)</b>           | Not Available  |
| <b>Vapour Density (Air=1)</b>                  | Not Available  |
| <b>Relative Density</b>                        | Not Available  |
| <b>Solubility(ies)</b>                         | Dispersable    |
| <b>Partition Coefficient: n-octanol/water</b>  | Not Available  |
| <b>Auto-ignition Temperature</b>               | Not Applicable |
| <b>Decomposition Temperature</b>               | Not Available  |
| <b>Viscosity</b>                               | 150-500 cps    |
| <b>Explosive Properties</b>                    | Not Available  |

|                                   |                    |
|-----------------------------------|--------------------|
| <b>Specific Gravity (Water=1)</b> | 0.9784 g/mL @ 25°C |
| <b>% Volatiles by Volume</b>      | Not Available      |
| <b>Formula</b>                    | Mixture            |
| <b>Molecular Weight</b>           | Not Available      |

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## Section 10 - Stability and Reactivity

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|   |  |
|---|--|
| <b>Reactivity</b>                         | Not Available  |
| <b>Stability</b>                          | Stable.  |
| <b>Possibility of Hazardous Reactions</b> | Polymerization will not occur.                               |
| <b>Conditions to Avoid</b>                | Avoid freezing   |
| <b>Incompatible Materials</b>             | Concentrated and strong acids, alkalis, or oxidizing agents. |
| <b>Hazardous Decomposition Products</b>   | None known.  |

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## Section 11 - Toxicological Information

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### Acute Toxicity

| <b>Component</b> | <b>Oral LD<sub>50</sub></b> | <b>Dermal LD<sub>50</sub></b> | <b>Inhalation LC<sub>50</sub></b> |
|------------------|-----------------------------|-------------------------------|-----------------------------------|
| ClearFoam 7111   | Not Available               | Not Available                 | Not Available                     |

### Chronic Toxicity – Carcinogenicity

| <b>Component</b> | <b>IARC</b>  |
|------------------|--|
| ClearFoam 7111   | None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen. |

|  |   |
|--|---|
| <b>Skin Corrosion/Irritation</b>         | Not Available                               |
| <b>Ingestion</b>                         | Not Available                               |
| <b>Inhalation</b>                        | Not Available                               |
| <b>Serious Eye Damage/Irritation</b>     | May cause mild eye irritation and watering. |
| <b>Respiratory or Skin Sensitization</b> | Not Available                               |
| <b>Germ Cell Mutagenicity</b>            | Not Available                               |
| <b>Reproductive Toxicity</b>             | Not Available                               |
| <b>STOT-Single Exposure</b>              | Not Available                               |
| <b>STOT-Repeated Exposure</b>            | Not Available                               |
| <b>Aspiration Hazard</b>                 | Not Available                               |

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## Section 12 – Ecological Information

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### Ecotoxicity

| Component                    | Toxicity to Algae | Toxicity to Fish | Toxicity to Daphnia and Other Aquatic Invertebrates |
|------------------------------|-------------------|------------------|---|
| ClearFoam 7111               | Not Available     | Not Available    | Not Available                                       |
| <b>Biodegradability</b>      | Not Available     |                  |   |
| <b>Bioaccumulation</b>       | Not Available     |                  |   |
| <b>Mobility</b>              | Not Available     |                  |   |
| <b>Other Adverse Effects</b> | Not Available     |                  |   |

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## Section 13 – Disposal Considerations

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|  |   |
|--|---|
| <b>Waste From Residues/Unused Products</b> | Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act. |
| <b>Contaminated Packaging</b>              | Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act. |

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## Section 14 – Transport Information

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|                                   |  |
|-----------------------------------|--|
| <b>UN Number</b>                  | Not Regulated  |
| <b>UN Proper Shipping Name</b>    | Not Regulated  |
| <b>Transport Hazard Class(es)</b> | Not Regulated  |
| <b>Packaging Group</b>            | Not Regulated  |
| <b>Environmental Hazards</b>      | Not listed as a marine pollutant under Canadian TDG Regulations, schedule III. |
| <b>Special Precautions</b>        | Not Available  |
| <b>Transport in Bulk</b>          | Not Available  |

### TDG

|              |  |
|--------------|--|
| <b>Other</b> | Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position. |
|--------------|--|

**TDG PRODUCT CLASSIFICATION:** This product has been classified on the preparation date specified at section 14 of this MSDS / SDS, for transportation in accordance with the requirements of part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at section 16 of this MSDS / SDS.

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## Section 15 – Regulatory Information

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**NOTE: THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.**

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## Section 16 – Other Information

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**Preparation Date**

2017 August 3

**Note:** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

**Attention: Receiver of the chemical goods / SDS coordinator**

As part of our commitment to the Canadian Association of Chemical Distributors (CACD) Responsible Distribution<sup>®</sup> initiative, ClearTech Industries Inc. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users. ClearTech will send any available supplementary handling, health, and safety information to you at your request.

If you have any questions or concerns please call our customer service center.

**References:**

- 1) CHEMINFO
- 2) eChemPortal
- 3) TOXNET
- 4) Transportation of Dangerous Goods Canada
- 5) HSDB
- 6) ECHA

**ClearTech Industries Inc. - Locations**

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