

**Compilation date:** 04/14/2016

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**Revision No:** 2

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** Clonex Mist (RTU)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance/mixture:** PC12: Fertilizers.

### 1.3. Details of the supplier of the safety data sheet

**Company name:** Hydrodynamics International Inc.

5711 Enterprise Drive

Lansing, MI 48911

**Tel:** 517-887-2007

**Email:** [info@hydrodynamicsintl.com](mailto:info@hydrodynamicsintl.com)

### 1.4. Emergency telephone number

**Emergency tel:** For hazardous materials or dangerous good incident, spill, leak, fire, exposure or accident - call CHEMTREC:

Within USA: 1-800-424-9300 (24 hours)

Outside USA and Canada: +1 703-527-3887 (24 hours)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**OSHA/HCS status:** Not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

### 2.2. Label elements

**GHS label elements:** None required

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Contains no ingredients classified as health hazards over cut off/concentration limits.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye for running water for 15 minutes. If concerned seek medical assistance.

**Ingestion:** Wash out mouth with water.

[cont...]

**Inhalation:** Consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** No symptoms

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Not applicable

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to Section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and materials for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled sludge container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Not applicable.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** To prevent product degrading, store in a cool, well ventilated area. Keep away from direct sunlight.

[cont...]

Keep container tightly closed.

**Suitable packaging:** Original container.

### 7.3. Specific end use(s)

**Specific end use(s):** PC12: Fertilizers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits (UK):** Not applicable for this mixture.

**ACGIH TWA:** Not applicable for this mixture.

**ACGIH STEL:** Not applicable for this mixture.

**OSHA PEL (TWA):** Not applicable for this mixture.

### DNEL/PNEC

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** No special requirements.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Hand protection not required but it is good standard practice to wear protective gloves.

**Eye protection:** Eye protection recommended.

**Skin protection:** Skin protection not required.

**Environmental:** No special requirements.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Pale brown

**Odour:** Characteristic odor

**Viscosity** Non-viscous

**Boiling point/range °C:** 100

**pH:** 6.00

### 9.2. Other Information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Extreme cold.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** Not applicable.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicity values:** No data available.

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be coughing or wheezing.

**Delayed / immediate effects:** No symptoms.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulative potential.

#### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

**Other adverse effects:** Not applicable

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Deposit into or on to land (e.g. landfill, etc.)

**Recovery operations:** Not applicable.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory Information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Specific regulations:** Not applicable

### 15.2. Chemical Safety Assessment

## Section 16: Other Information

### Other Information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010 and the OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200.

\* indicates text in the SDS which has changed since the last revision.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.