

Compilation date: 04/14/2016

Revision No: 1

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

1.1. Product identifier

Product name: Clonex Mist Concentrate

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

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.

Inhalation: Consult a doctor.

[cont...]

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.

Dealyed / immediate effects: No symptoms

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

Imemdiat / 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 slavage 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 conditons: To prevent product degrading, store in a cool, well ventilated area. Keep away from direct sunlight.

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: Dark 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.