



## PONDMASTER Dechlor

### Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/22/2013

Supersedes: 01/01/2000

Version: 1.0

## Tender Living Care

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

**Product Identifier:** PONDMASTER Dechlor

**Product form:** Aqueous solution

**Substance name:** Dechlorinator, sodium thiosulfate

**CAS No.:** 7772-98-7

**Formula:** Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

**Synonyms:** Dechlorinator, Dechlor

#### Intended Use Of The Product

**Use of the substance/mixture:** Added to lakes and ponds to eliminate chlorine to keep water safe for fish

#### Name, Address, And Telephone Of The Responsible Party

TLC Products

15752 Industrial Parkway

Cleveland, OH 44135

216-472-3030

#### Emergency telephone number

**Emergency number** : 216-472-3030

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

##### GHS-US classification

N/A

#### Label elements

##### GHS-US labeling

**Hazard pictograms (GHS-US)** : N/A

**Signal word (GHS-US)** : N/A

**Hazard statements (GHS-US)** : N/A

**Precautionary statements (GHS-US)** : N/A

**Other hazards**

No additional information available,

**Unknown acute toxicity (GHS US)**

No data available

**SECTION 3: Composition/information on ingredients****Substances**

| Name               | Product Identifier | %     | GHS-US classification |
|--------------------|--------------------|-------|-----------------------|
| Sodium Thiosulfate | 7772-98-7          | < 10% | N/A Non Hazardous     |
| Water              | 7732-18-5          | > 90% | N/A                   |

**SECTION 4: First aid measures****Description of first aid measures**

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** N/A

**First-aid measures after skin contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

**First-aid measures after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**First-aid measures after ingestion:** Rinse mouth. Do NOT induce vomiting.

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

**Symptoms/injuries:** Eye irritation.

**Symptoms/injuries after inhalation:** N/A

**Symptoms/injuries after eye contact:** May cause eye irritation.

**Symptoms/injuries after ingestion:** Ingestion may cause nausea, vomiting and diarrhea.

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

If medical advice is needed, have product container or label at hand.

**SECTION 5: Firefighting measures****Extinguishing media**

**Suitable extinguishing media:** N/A

**Unsuitable extinguishing media:** N/A

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

**Fire hazard:** Non flammable

**Explosion hazard:** No explosion hazard

**Reactivity:** Non reactive. Will not polymerize.

**Advice for firefighters**

**Firefighting instructions:** Exercise caution when fighting any chemical fire.

**Protection during firefighting:** Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General measures:** Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

#### For non-emergency personnel

**Protective equipment:** Use appropriate personal protection equipment (PPE).

**Emergency procedures:** N/A

#### For emergency responders

**Protective equipment:** Use appropriate personal protection equipment (PPE).

**Emergency procedures:** Ventilate area.

### Environmental precautions

Dispose down entry to sewers and public waters.

### Methods and material for containment and cleaning up

**For containment:** Store at room temperature.

**Methods for cleaning up:** Clear up spills immediately and dispose of waste safely.

### Reference to other sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Additional hazards when processed:** None

**Precautions for safe handling:** None

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### Conditions for safe storage, including any incompatibilities

**Technical measures:** None

**Storage conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible products:** N/A

**Incompatible materials:** N/A

**Storage area:** Any storage room, away from children

**Special rules on packaging:** None

### Specific end use(s)

Lake and pond treatment to eliminate chlorine and keep water safe for fish

## SECTION 8: Exposure controls/personal protection

### Control parameters

| Sodium Thiosulfate 7772-98-7 |                         |     |
|------------------------------|-------------------------|-----|
| USA ACGIH                    | ACGIH TWA (ppm)         | N/A |
| USA NIOSH                    | NIOSH REL (TWA) (mg/m3) | N/A |
| USA IDLH                     | US IDLH (ppm)           | N/A |
| USA OSHA                     | OSHA PEL (TWA) (mg/m3)  | N/A |
| USA OSHA                     | OSHA PEL (TWA) (ppm)    | N/A |



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**Exposure controls**

Appropriate engineering controls : Ensure all national/local regulations are observed.

Personal protective equipment : Protective goggles. Gloves.



Hand protection : Wear protective gloves.  
Eye protection : Chemical goggles or safety glasses.  
Skin and body protection : N/A  
Respiratory protection : N/A

Thermal hazard protection : N/A

Other information : N/A

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|  |                               |
|--|-------------------------------|
| Physical state                             | : Liquid                      |
| Appearance                                 | : Clear water                 |
| Color                                      | : Clear                       |
| Odor                                       | : Musty to slight sulfur odor |
| Odor threshold                             | : No data available           |
| pH   | : 6.0 to 8.5                  |
| Relative evaporation rate (butylacetate=1) | : Water                       |
| Melting point                              | : N/A                         |
| Freezing point                             | : 0 C (water)                 |
| Boiling point                              | : 100 C (water)               |
| Flash Point                                | : N/A                         |
| Auto-ignition temperature                  | : N/A                         |
| Decomposition Temperature                  | : Will not decompose          |
| Flammability (solid, gas)                  | : Not flammable               |
| Vapor pressure                             | : Water                       |
| Relative vapour density at 20 °C           | : Water                       |
| Relative density                           | : Water                       |
| Density                                    | : Water                       |
| Solubility                                 | : Miscible.                   |
| Log Pow                                    | : No data available           |
| Log Kow                                    | : No data available           |
| Viscosity, kinematic                       | : Water                       |
| Viscosity, dynamic                         | : Water                       |
| Explosive properties                       | : No data available           |
| Oxidizing properties                       | : No data available           |
| Explosive limits                           | : Not applicable              |

### Other information

No additional information available

## SECTION 10: Stability and reactivity

**Reactivity** Will not react.

**Chemical Stability** Stable, will not polymerize.

**Possibility Of Hazardous Reactions** No known hazardous reactions.

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**Conditions To Avoid** Do not freeze, store below 95 F, preferably store at room temperature.

**Incompatible Materials** None.

**Hazardous Decomposition Products** None.

## SECTION 11: Toxicological information

### Information on toxicological effects

Acute toxicity : Not classified

| Sodium Thiosulfate 7772-98-7 |                    |
|------------------------------|--------------------|
| LD50 oral rat                | Unknown, not toxic |
| LD50 dermal rabbit           | Unknown, not toxic |
| LC50 inhalation rat (mg/l)   | Unknown, not toxic |

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Mild eye irritant

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: None

Carcinogenicity: None

Reproductive toxicity: None

Specific target organ toxicity (single exposure): None

Specific target organ toxicity (repeated exposure): None

Aspiration hazard: None

Symptoms/injuries after inhalation: May cause drowsiness or dizziness.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

## SECTION 12: Ecological information

### Toxicity

| Sodium Thiosulfate 7772-98-7 |                 |
|------------------------------|-----------------|
| LC50 fishes 1                | None, not toxic |
| EC50 Daphnia 1               | None, not toxic |
| LC50 fish 2                  | None, not toxic |
| EC50 Daphnia 2               | None, not toxic |

### Persistence and degradability

| Sodium Thiosulfate 7772-98-7  |  |
|-------------------------------|--|
| Persistence and degradability | Readily biodegradable in water. Not established. |

### Bioaccumulative potential

| Sodium Thiosulfate 7772-98-7 |                  |
|------------------------------|------------------|
| BCF fish 1                   | None             |
| Log Kow                      | N/A              |
| Bioaccumulative potential    | Not established. |

### Mobility in soil

No additional information available

### Other adverse effects

Other information : May dispose of waste material

## SECTION 13: Disposal considerations

### Waste treatment methods

**Regional legislation (waste):** U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII. U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring. U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents. U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards. U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring. U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics.

**Waste disposal recommendations:** May dispose down drain, sewer, or pour into lake or pond. No hazardous disposal problems or risks.

**Additional information:** Dispose of empty containers in recycle or waste bins.

## SECTION 14: Transport information

In accordance with ICAO/IATA/DOT/TDG

### UN number

UN-No.(DOT) : N/A

DOT NA no. N/A

### UN proper shipping name

Department of Transportation (DOT) : N/A

Hazard Classes

Hazard labels (DOT) : Non hazardous

Packing group (DOT) : No danger

DOT Special Provisions (49 CFR 172.102) : N/A

DOT Packaging Exceptions (49 CFR 173.xxx) : N/A

DOT Packaging Non Bulk (49 CFR 173.xxx) : N/A

DOT Packaging Bulk (49 CFR 173.xxx) : N/A

### Additional information

Emergency Response Guide (ERG) Number : N/A

Other information : No supplementary information available.

### Transport by sea

DOT Vessel Stowage Location : No limits or special considerations. Non hazardous, non corrosive, non explosive, will not polymerize, no vapors.

MFAG-No. : N/A

### Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : N/A

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : N/A

## SECTION 15: Regulatory information

### US Federal regulations

Sodium Thiosulfate 7772-98-7

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag

None



**US State regulations****Sodium Thiosulfate 7772-98-7**

State or local regulations

None, N/A

**SECTION 16: Other information**

Indication of changes : October 15, 2015

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

None

N/A

NFPA health hazard : None

NFPA fire hazard : None

NFPA reactivity : None

**HMIS III Rating**

Health : 0 Minimal Hazard

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*