



## PONDMASTER pH Up

### 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 pH Up

**Product form:** Aqueous solution

**Substance name:** pH Up, pH Higher

**CAS No.:** Sodium Hydroxide (1310-73-2), Sodium Bicarbonate (144-55-8), Sodium Carbonate (497-19-8)

**Formula:** NaOH, NaHCO<sub>3</sub>, Na<sub>2</sub>CO<sub>3</sub>

**Synonyms:** pH Higher

#### Intended Use Of The Product

**Use of the substance/mixture:** Added to lakes and ponds to increase pH to near 7.0 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 for the MIXTURE as**

**Formulated in this Product:** 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 Hydroxide	1310-73-2	< 7.5%	Eye Category 2A. Skin Category 3
Sodium Bicarbonate	144-55-8	< 7.5%	N/A
Sodium Carbonate	497-19-8	< 7.5%	Eye Irrit. 2A H319
Water	7732-18-5	> 80%	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. Drink water or milk.

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

**Symptoms/injuries:** Eye irritation, skin irritant

**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:**

**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:** Do not mix with strong alkali or bases.

**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 lower pH of water to keep water safe for fish

## SECTION 8: Exposure controls/personal protection

### Control parameters

Mixture formulated product		
USA ACGIH	ACGIH TWA (ppm)	N/A
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	N/A
USA IDLH	US IDLH (ppm)	N/A
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	N/A
USA OSHA	OSHA PEL (TWA) (ppm)	N/A

---

**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	: No odor
Odor threshold	: No data available
pH	: 9.5 to 11
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.

---



**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

Mixture formulated product	
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:** Strong 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

Mixture formulated product	
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

Mixture formulated product	
Persistence and degradability	Readily biodegradable in water. Not established.

### Bioaccumulative potential

Mixture formulated product	
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

Mixture formulated product	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	None

## US State regulations

### Mixture formulated product

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.

Signal word (GHS-US)

:

Danger

Hazard statements (GHS-US)

:

H314 - Causes severe skin burns and eye damage

Precautionary statements (GHS-US)

:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash ... thoroughly after handling

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P330+P331 - IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing

P310 - Immediately call a POISON CENTER/doctor/...

P321 - Specific treatment (see ... on this label) P363 - Wash contaminated clothing before reuse

P405 - Store locked up P501 - Dispose of contents/container

### HMIS III Rating

Health : 3 Harmful Dangerous

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.*

SDS US (GHS HazCom) - US Only