Safety Data Sheet



SECTION 1: Product and company identification		
Product name	:	Pool Clarifier
Use of the substance/mixture	:	Cleaner
Product code	:	0380
Company	:	Total Solutions P.O. Box 240014 Milwaukee, WI 53224 - USA T (414) 354-6417
Emergency number	:	Chemtec: (800) 424-9300

# SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

## **GHS-US** classification

Not classified

2.2. Label elements GHS-US labeling	
0	
No labeling applicable	
2.3. Other hazards	
No additional information available	
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
SECTION 3: Composition/Inform	nation on ingredients
3.1. Substance	
Not applicable	
Full tout of LL physics and position 40	
Full text of H-phrases: see section 16	
3.2. Mixture	
A specific chemical identity and/or percentage batch variation.	of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due
SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove the victim into fresh air.
First-aid measures after skin contact	: Rinse skin with water/shower.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth with water. Do NOT induce vomiting.
4.2. Most important symptoms and e	fects, both acute and delayed
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/injurios after ave contact	· Direct contact with the every is likely to be irritating

Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion : Gastrointestinal complaints.

# 4.3. Indication of any immediate medical attention and special treatment needed No additional information available SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media : All extinguishing media : All extinguishing media : Special hazards arising from the substance or mixture Reactivity : Upon combustion: CO and CO2 are formed.

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5.3. Advice for firefighters	
Firefighting instructions	<ul> <li>Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.</li> </ul>
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release	e measures
	ve equipment and emergency procedures
General measures	: Isolate from fire, if possible, without unnecessary risk.
6.1.1. For non-emergency personn	
Protective equipment	: Protective goggles. Gloves. Protective clothing.
Emergency procedures	: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.
6.2. Environmental precautions	vent entry to severe and public waters
	vent entry to sewers and public waters.
6.3. Methods and material for cont For containment	ainment and cleaning up : Contain released substance, pump into suitable containers.
Methods for cleaning up	: This material and its container must be disposed of in a safe way, and as per local legislation.
6.4. Reference to other sections	
No additional information available	
<b>SECTION 7: Handling and stor</b>	age
7.1. Precautions for safe handling	
Precautions for safe handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures	: Wash thoroughly after handling. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, inc	
Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
ncompatible products	: Oxidizing agent.
Storage area	: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
Special rules on packaging	: meet the legal requirements.
SECTION 8: Exposure controls	s/personal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Personal protective equipment	: Use appropriate personal protective equipment when risk assessment indicates this is necessary.
SECTION 9: Physical and chen	
9.1. Information on basic physical Physical state	and chemical properties : Liquid
Appearance	: Clear to hazy liquid.
Odor	: No odor
Odor threshold	: No data available
рН	: No data available
Melting point	: No data available
Freezing point	: No data available
	No dete evellette

Flammability (solid, gas)

Relative evaporation rate (butyl acetate=1)

Boiling point

Flash point

No data available> 200 °F Closed Cup

: No data available

: No data available

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Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 0.99 g/ml
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
VOC content	: 0 %

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Upon combustion: CO and CO2 are formed.

# 10.2. Chemical stability

No additional information available

#### **10.3.** Possibility of hazardous reactions Refer to section 10.1 on Reactivity.

#### **10.4. Conditions to avoid** No additional information available

10.5. Incompatible materials

# No additional information available

## **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

# **11.1.** Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity - single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion	: Gastrointestinal complaints.

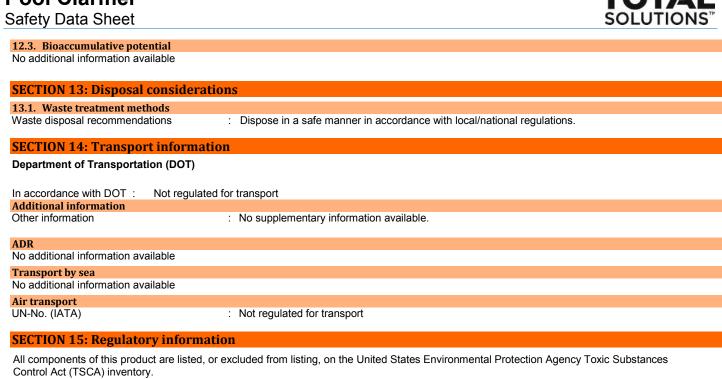
# **SECTION 12: Ecological information**

# **12.1. Toxicity** No additional information available

#### **12.2. Persistence and degradability** No additional information available



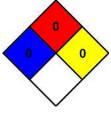




This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

Training advice	: Normal use of this product shall imply use in accordance with the instructions on the packaging.
NFPA health hazard	: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard NFPA reactivity	<ul> <li>: 0 - Materials that will not burn.</li> <li>: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.</li> </ul>



#### Prepared by: Technical Department

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. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.