

Material Safety Data Sheet

POOL TIME® FILTER & CARTRIDGE CLEANER

Version: 1.

Revision Date: 05/10/2010

Print Date: 06/28/2010

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *POOL TIME® FILTER & CARTRIDGE CLEANER*

Product Use Description: Recreational Water Product

Company: Recreational Water Products
Pool Time
PO Box 1449
Buford, GA
30515-1449

Emergency telephone: CHEMTREC: (24 hours) 800-424-9300, 703-527-3887
Poison Control Center (Medical) :: (877) 800-5553

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department
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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Warning

Form: liquid Colour: yellow Odour: Lemon.

Hazard Summary : Causes serious eye irritation.
May be harmful if inhaled.
May cause skin irritation.
May cause irritation of respiratory tract.
Avoid breathing vapors.
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS HAZARDOUS UNDER THE CRITERIA OF
THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD
29CFR 1910.1200.

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Potential Health Effects

- Primary Routes of Entry : Skin contact
Inhalation
Ingestion
Eye contact
- Inhalation : May cause irritation of respiratory tract.
- Skin : May cause skin irritation.
- Eyes : Causes serious eye irritation.
- Ingestion : May be harmful if swallowed.
- Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Weight percent
Organic acid salt		15 - 25 %
Surfactant		1 - 5 %
Trade secret 036		< 2 %
Trade secret 080		< 5 %

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove to fresh air.
Call a POISON CENTER or doctor/physician.
- Skin contact : Flush with plenty of water.
Call a physician if irritation develops or persists.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a POISON CENTER or doctor/physician.
- Ingestion : Call a physician or poison control centre immediately.
Have person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.
Do not give anything by mouth to an unconscious person.

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Notes to physician

Treatment : Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : > 199.9 °F (93.3 °C)
Method: Pensky-Martens closed cup ASTM D 93

Fire fighting

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : There are no unusual fire and explosion hazards known.

Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Soak up with inert absorbent material.
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling

Handling procedures : Avoid contact with skin, eyes and clothing.
Mix only with water.
Do not mix with other chemicals.
Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.
Do not handle until all safety precautions have been read and understood.

Storage

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Requirements for storage areas and containers : Store in original container.
Keep tightly closed in a dry, cool and well-ventilated place.
Keep out of reach of children.
Keep away from animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components / CAS-No.	Value / Basis / Update	Control parameters	Further information
Trade secret 080	TWA ACGIH 2007-01-01	100 ppm	
	STEL ACGIH 2007-01-01	150 ppm	
	TWA OSHA P1 1997-08-04	100 ppm 600 mg/m3	
	TWA OSHA P0 1989-01-19	100 ppm 600 mg/m3	
	STEL OSHA P0 1989-01-19	150 ppm 900 mg/m3	

Engineering measures

Engineering measures : Use only with adequate ventilation.
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye protection : Safety glasses with side-shields

Hand protection : For prolonged or repeated contact use protective gloves.
Wear rubber gloves.

Skin and body protection : Remove and wash contaminated clothing before re-use.

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Respiratory protection : If used in a confined area, respirator protection may be necessary.

Hygiene measures : Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : yellow

Odour : Lemon.

Safety data

Flash point : > 199.9 °F (93.3 °C)
Method: Pensky-Martens closed cup ASTM D 93

pH : ca. 1

Freezing point : Note: Not Available

Boiling point/boiling range : Note: Not Available

Vapour pressure : Note: Not Available

Specific Gravity : 1.052 at

Water solubility : Note: completely miscible

Relative vapour density : Note: Not Available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.
Poor ventilation.
Contamination

Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their
concentrated forms.
Oxidizing agents
Bases

Hazardous decomposition products : Note: Carbon oxides
nitrogen oxides (NOx)

Hazardous reactions : Hazardous polymerisation does not occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: May cause skin irritation.

Eye irritation : Remarks: Causes eye irritation.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : no data available

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : Dispose of waste material in compliance with all federal, state, and local regulations.

Contaminated packaging : Do not re-use empty containers.
Recycle or dispose of container in trash.

SECTION 14. TRANSPORT INFORMATION

DOT

UN-Number : 1760
Description of the goods : Corrosive liquids, n.o.s.
(Urea, monohydrochloride)
Class : 8
Packing group : III
ERG Code : 154

IATA

UN-Number : 1760
Description of the goods : Corrosive liquid, n.o.s.
(Urea, monohydrochloride)
Class : 8
Packing group : III

IMDG

UN-Number : 1760
Description of the goods : CORROSIVE LIQUID, N.O.S.

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(Urea, monohydrochloride)

Class : 8
Packing group : III
EmS Letter 1 : F-A
EmS Letter 2 : S-B

Marine pollutant : no

ORM-D Consumer Commodity exemption possible
Limited Quantity exemption possible

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SARA 311/312 Hazards : Fire Hazard
Acute Health Hazard

The components of this product are reported in the following inventories:
TSCA

Note: Listed

SECTION 16. OTHER INFORMATION

Further information

HMIS Classification : Health hazard: 2
Flammability: 1
Physical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

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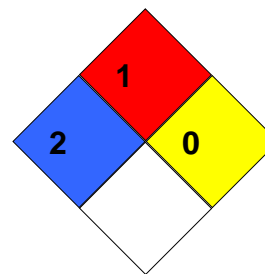
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NFPA Classification

: Health hazard: 2
Fire Hazard: 1 Class IIIB
Combustible Liquid
Reactivity Hazard: 0



Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.