

Material Safety Data Sheet

POOL TIME® D.E. FILTER POWDER

Version: 1.0

Revision Date: 06/25/2013

Print Date: 06/25/2013

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *POOL TIME® D.E. FILTER POWDER*

Product Use Description: Recreational Water Product

Chemical nature: Silica

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

Telephone: (800) 949-7946

Emergency telephone number: 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.

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06/25/2013

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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Warning

Form: powder Colour: white to off-white Odour: odourless

Hazard Summary : Harmful by inhalation.
May cause eye irritation.
May cause lung effects.
Do not breathe dust.
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.

Potential Health Effects

Primary Routes of Entry : Inhalation
Eye contact

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Aggravated Medical Condition : Respiratory disorders
Inhalation : Causes respiratory tract irritation.
Skin : This product is not expected to cause skin irritation.
Eyes : May cause eye irritation.
Ingestion : No evidence of adverse effects from available information.
Chronic Exposure : Long term inhalation of crystalline silica dusts may cause lung disease (silicosis).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component / CAS-No.	Weight percent
diatomaceous earth 68855-54-9	< 100 %
crystalite 14464-46-1	< 70 %
quartz (SiO ₂) (Fr = 100%) 14808-60-7	< 5 %

SECTION 4. FIRST AID MEASURES

First aid procedures

Inhalation : Remove to fresh air.
If breathing is difficult, give oxygen.
If not breathing, give artificial respiration.
Call a POISON CENTER or doctor/ physician.

Skin contact : Rinse immediately with plenty of water for at least 15 minutes.
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 the first 5 minutes, then continue rinsing eye.
Call a physician if irritation develops or persists.

Ingestion : If swallowed, DO NOT induce vomiting.
Drink 1 or 2 glasses of water.
Never give anything by mouth to an unconscious person.
Call a POISON CENTER or doctor/ physician.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

Flash point : Remarks: not applicable

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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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).

Methods for containment /
Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Sweep up and shovel into suitable containers for disposal.
Pick up and arrange disposal without creating dust.

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.
Avoid breathing dust.
Avoid creating dust.
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

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
cristobalite 14464-46-1	TWA	0.025 mg/m3	
	ACGIH 2007-01-01		
	TWA	0.05 mg/m3	
	OSHA P0		

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	1989-01-19		
quartz (SiO ₂) (Fr = 100%) 14808-60-7	TWA ACGIH 2007-01-01	0.025 mg/m ³	
	TWA OSHA P0 1989-01-19	0.1 mg/m ³	
	TWA NIOSH REL 2005-09-01	0.05 mg/m ³	

Engineering measures

Engineering measures : Use 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.
not required under normal use

Respiratory protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures : Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : powder
Colour : white
to
off-white

Odour : odourless

Safety data

Flash point : Note: not applicable

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Vapour pressure : no data available
Density : 2.35 g/cm³
Water solubility : Note: slightly soluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Poor ventilation.
Moisture/high humidity.
Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their concentrated forms.
Hazardous decomposition products : Note: No hazardous decomposition products are known.
Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity
quartz (SiO₂) (Fr = 100%) : LD50: 500 mg/kg
Species: rat
Acute inhalation toxicity : Remarks: Causes respiratory tract irritation.
Effects of breathing high concentration of respirable particles may include:
Lung irritation
Skin irritation : Remarks: This product is not expected to cause skin irritation.
Eye irritation : Remarks: May cause eye irritation.
Solid may cause irritation or corneal injury due to mechanical action.
Sensitisation
diatomaceous earth : Species: Human
Classification: Non sensitizing.
CMR effects
diatomaceous earth : Carcinogenicity: Suspected human carcinogens
cristobalite : Carcinogenicity: Human carcinogen.
quartz (SiO₂) (Fr = 100%) : Carcinogenicity: Human carcinogen.
Mutagenicity: Animal testing did not show any mutagenic effects.

12. ECOLOGICAL INFORMATION

Further information on ecology

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Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.
Do not flush into surface water or sanitary sewer system.

SECTION 13. DISPOSAL CONSIDERATIONS

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

Contaminated packaging : Offer rinsed packaging material to local recycling facilities.

SECTION 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

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 : Acute Health Hazard
Chronic 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: 1

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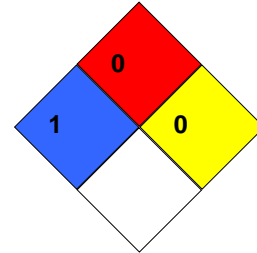
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Chronic Health Hazard: *
Flammability: 0
Physical hazards: 0
PPI: Ask supervisor or safety specialist for handling instructions

NFPA Classification

: Health hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0



Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

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.