

Material Safety Data Sheet

SPA ESSENTIALS® WATER CLARIFIER

Version: 1.1

Revision Date: 01/01/2014

Print Date: 11/29/2014

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: SPA ESSENTIALS® WATER CLARIFIER

Product Use Description: Water Clarifier

Company: Manufacturer
Asepsis, Inc.
GUARDEX POOL PRODUCTS
P.O. Box 1788
Suwanee, GA
30024-0973

Telephone: (800) 859-7946

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.

Prepared by Product Safety Department

01/01/2014

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Caution

Form: liquid Colour: blue Odour: Almond-like

Hazard Summary : May cause eye irritation.
May cause skin irritation.
May be harmful if swallowed.
Avoid breathing vapors.
Do not get in eyes, on skin, or on clothing.

OSHA Hazards : THIS MATERIAL IS NOT HAZARDOUS UNDER THE CRITERIA OF THE
FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29CFR 1910.1200.

Potential Health Effects

Primary Routes of Entry : Eye contact
Skin contact
Ingestion

Inhalation : Not expected to present a significant inhalation hazard under

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anticipated conditions of normal use.

- Skin : May irritate skin.
- Eyes : May irritate eyes.
- Ingestion : May be harmful if swallowed.
- Chronic Exposure : None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

No ingredients are hazardous according to OSHA criteria.

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : A highly unlikely route of exposure.
- Skin contact : Remove contaminated clothing and shoes.
Rinse immediately with plenty of water for at least 15 minutes.
If skin irritation persists, call a physician.
- 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 POISON CENTER or doctor/ physician.
- Ingestion : If swallowed
Do NOT induce vomiting.
Have person sip a glass of water if able to swallow.
Never give anything by mouth to an unconscious person.
Call a physician or poison control centre immediately.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

- Flash point : Remarks: Non-Flammable

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 : In the event of fire, wear self-contained breathing apparatus.

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for firefighters

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.
Avoid breathing vapors.
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.
Store in a cool, dry, well ventilated area away from heat or open flame.
Keep out of reach of children.
Keep away from animals.

Other data : Stable under normal conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

No ingredients are hazardous according to OSHA criteria.

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
not required under normal use

Hand protection : Wear rubber gloves.
not required under normal use

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Respiratory protection : not required under normal use
Hygiene measures : Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : blue
Odour : Almond-like

Safety data

Flash point : Note: Non-Flammable
pH : ca. 6 - 8
Freezing point : Note: no data available
Boiling point/boiling range : 212 °F (100 °C)
Vapour pressure : no data available
Density : 1.0 g/cm³
Water solubility : Note: completely miscible
Partition coefficient: n-octanol/water : Note: no data available
Viscosity, kinematic : Note: no data available
Relative vapour density : Note: no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Poor ventilation.
High temperatures.
Contamination
Materials to avoid : Remarks: Do not mix with other swimming pool/spa chemicals in their concentrated forms.
Aluminium
Copper
Iron
Strong oxidizing agents
Hazardous decomposition products : Note: Ammonia
Carbon oxides
Oxides of hydrogen chloride
nitrogen oxides (NO_x)

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Hazardous reactions : Hazardous polymerisation does not occur.
This material may react slowly with iron, copper or aluminum resulting in corrosion and/or product degradation.

SECTION 11. TOXICOLOGICAL INFORMATION

Skin irritation : Remarks: May cause skin irritation.

Eye irritation : Remarks: May cause eye irritation.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : May be toxic to fish.
May be toxic to aquatic organisms.
Do not allow material to contaminate ground water system.
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.
Offer rinsed packaging material to local recycling facilities.
Contaminated packaging : Do not re-use empty containers.
Rinse thoroughly before discarding in trash.

SECTION 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

TDG

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

Not regulated for transport

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SECTION 15. REGULATORY INFORMATION

OSHA Hazards : This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

CERCLA Reportable Quantity :

SARA 311/312 Hazards : No SARA Hazards

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

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

TSCA

Note: Listed

US.TSCA

Not On TSCA Inventory

DSL

This product contains one or several components that are not on the Canadian DSL nor NDSL lists.

AICS

Not in compliance with the inventory

NZIoC

Not in compliance with the inventory

ENCS

Not in compliance with the inventory

KECI

Not in compliance with the inventory

PICCS

Not in compliance with the inventory

IECSC

Not in compliance with the inventory

TSCA list Information

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
ZUS T12B

Not listed

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US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)
ZUS T12B

Not relevant

SECTION 16. OTHER INFORMATION

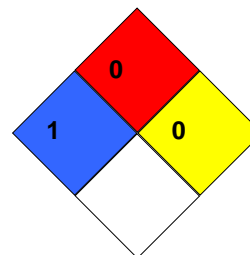
Further information

HMIS Classification

: Health hazard: 1
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.