

# Safety Data Sheet

## 1. Product and Company Identification

Effective Date: 08/21/2014  
Revision: 01

### SWIMMERS ADVANTAGE Super Clarifier, SPA SOLUTIONS Concentrated Clarifier, SPA ADVANTAGE Spa Clear

Principal Use: Water clarifier.  
Description: Blue viscous liquid.

#### N. Jonas and Co., Inc.

4520 Adams Circle  
P.O. Box 425  
Bensalem, PA 19020-0425

Telephone: (215) 639-8071

Only in the Event of a Transportation Emergency Involving Spills, Leaks, Fires or Accidents,  
call CHEMTREC at (800) 424-9300.

## 2. Hazards Identification

### Emergency Overview

**Appearance:** Blue liquid. Slight odor.  
**Physical Hazards:** Harmful.  
**Health Hazards:** May cause irritation to eyes and skin. May be harmful if  
swallowed or inhaled.

\* Hazard summary defined by OSHA Hazard Comm. Std., 29 CFR 1910.1200.

### Potential Health Effects:

**General:** This health hazard assessment is based on information that is  
available on the properties of its components  
**Ingestion:** Not expected to be the primary route of exposure.  
**Eye Contact:** Slightly hazardous. Irritating to the eyes. Non-corrosive to the  
eyes.  
**Skin Contact:** Slightly hazardous in case of skin contact (irritant). Non-  
corrosive for skin. Skin inflammation resulting in itching,  
scaling, reddening, or, occasionally blistering.  
**Skin Absorption:** This product will probably not be absorbed through the skin.  
**Inhalation:** Slightly hazardous in case of inhalation. Effects will depend  
on concentration and length of time of product exposure.

## 3. Composition/Information on Ingredients

<u>Ingredients:</u>	<u>%(w/w)</u>	<u>OSHA PEL</u>
The components of this product comprise proprietary information.		

Ingredients not precisely identified are proprietary or non hazardous. Values are not product specifications

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## 4. First Aid Measures:

<u>First Aid - Eyes:</u>	Flush immediately with copious amounts of water or saline for a minimum of 15 minutes. Take individual to a health care professional, preferably an ophthalmologist.
<u>First Aid - Skin:</u>	Wash exposed area with plenty of water. Repeat washing. Remove contaminated clothing and wash thoroughly before re-use. If irritation persists consult a health care professional.
<u>First Aid - Ingestion:</u>	DO NOT INDUCE VOMITING. Rinse mouth with copious amounts of water or milk, first. Irrigate the esophagus and dilute stomach contents by slowly giving 1-2 glasses of water or milk. If victim is unconscious or convulsing, DO NOT GIVE FLUIDS BY MOUTH. Seek medical attention immediately if ingested.
<u>First Aid - Inhalation:</u>	Immediately move the victim to fresh air. If victim experiences nausea, headache, dizziness, has difficulty breathing or is cyanotic (severely lacking oxygen), seek a health care professional immediately.

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## 5. Fire Fighting Measures

<u>Flashpoint and Method:</u>	Closed Cup: >212degF (100degC).
<u>Autoignition Temperature:</u>	No data.
<u>Flammable Limits:</u>	No data.
<u>General Hazards:</u>	Strong oxidizing agents may cause exothermic reaction.
<u>Firefighting Instructions:</u>	Water fog, carbon dioxide, foam, dry chemical.
<u>Firefighting Equipment:</u>	Fire fighters should wear positive pressure self contained breathing apparatus (SCBA) and full turnout gear.
<u>Haz Combustion Products:</u>	Strong oxidizing agents may cause exothermic reaction.

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## 6. Accidental Release Measures

<u>Spill Measures:</u>	Before any spill measure is taken review entire MSDS for recommendations pertaining to this product. Insure the product has or does not come in contact with materials listed as incompatible. If irritating fumes are present, consider evacuation of enclosed areas. Block any potential routes to water systems (sewers, lakes, streams, etc.). Recover as much of the pure product as possible into an appropriate container. Clay, soil, or commercial available absorbents may be used to recover the remaining product spill. Rinse product residue with plenty of water. Spills may produce slippery surfaces.
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## 7. Handling and Storage

<u>Handling:</u>	May cause irritation. Use caution, to reduce exposure to product.
<u>Storage:</u>	Store in a cool, dry place (32-95degF, 0-35degC). Freezing will affect the physical condition and may damage the material.

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## 8. Exposure Controls/Personal Protection

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<b><u>Exposure Guidelines:</u></b>	No ACGIH TLV or OSHA PEL assigned to this product. Minimize exposure in accordance with good hygiene practice. Which includes washing at meals and end of shift. Do not smoke when using this product.
<b>Engineering Controls:</b>	Use ventilation adequate to maintain safe levels. Provide eyewash station and safety shower in work area.
<b>Respiratory Protection:</b>	Do not breathe vapors or mist. Use an approved respirator in case of insufficient ventilation.
<b>Protective Clothing:</b>	Rubber gloves. A chemical resistant apron or protective suit is needed in case of splashing or contact with product solutions is likely.
<b>Eye Protection:</b>	Wear safety glasses with side shields or goggles. Do not wear contact lenses when using this product.

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## 9. Chemical and Physical Properties

<b><u>Appearance:</u></b>	Blue liquid. Slight odor.
<b><u>Boiling Point:</u></b>	No data.
<b>Vapor Pressure:</b>	No data.
<b>Vapor Density:</b>	No data.
<b>Solubility in Water:</b>	Easily soluble in water.
<b>pH:</b>	5 to 8
<b>Specific Gravity - Density:</b>	1.07 g/cm <sup>3</sup> at 77degF, 25degC
<b>% Volatile:</b>	No data.

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## 10. Stability and Reactivity

<b>Stability Text:</b>	Stable under normal conditions of use and storage. Keep away from heat and source of ignition.
<b>Incompatibility:</b>	Strong oxidizing agents may cause exothermic reaction.
<b><u>Haz. Decomposition Products:</u></b>	Hydrogen chloride gas, nitrogen oxides, carbon oxides.
<b>Haz Polymerization Products:</b>	Will not occur.

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## 11. Toxicological Information

### **Possible Human Health Effects:**

<b>Inhalation Tox:</b>	The product is not expected to be toxic by inhalation.
<b><u>Skin Contact:</u></b>	The product is not expected to be toxic. Slightly hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation resulting in itching, scaling, reddening, or, occasionally blistering.
<b><u>Eye Contact:</u></b>	The product is not expected to be toxic. Slightly hazardous in case of skin contact (irritant). Non-corrosive. Eye irritant.
<b>Ingestion Tox:</b>	LD50/oral/rat>2000 mg/kg. The product is considered not toxic based on studies on laboratory animals.
<b>Other Effects of Overexposure:</b>	Testing on rabbits showed minor transient irritation which clear within days. Product not shown as a carcinogen by OSHA, IARC, or NTP.
<b>Note to Physician:</b>	None.

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## 12. Ecological Information

Ecological Info: LC50=>10 mg/l, 96 hours: Danio rerio  
LC50=>10 mg/l, 48 hours: Daphnia magna

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## 13. Disposal Consideration

Disposal Method: Disposal should be made in accordance with federal, state, and local regulations.

Container Disposal: Dispose of responsibly. Do not reuse for household use.

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## 14. Transport Information

DOT Hazard Description: Not regulated.

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## 15. Regulatory Information

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are listed on the TSCA Chemical Substances Inventory.

CERCLA and SARA Regulations (40 CFR 355, 370, 372):

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

California Proposition 65:

None.

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## 16. Other Information

The information herein is given in good faith, but no warranty, expressed or implied, is made.

### HMIS and NFPA Ratings

<u>Hazard:</u>	<u>HMIS Ratings:</u>	<u>NFPA Ratings:</u>
<u>Health:</u>	1	1
<u>Flammability:</u>	0	0
<u>Reactivity:</u>	0	0

<u>HMIS and NFPA Hazard Rating Codes:</u>				
0 - Least	1 - Slight	2 - Moderate	3 - High	4 - Severe

NOTE: These HMIS and NFPA Ratings are for "new" product. See appropriate sections of this MSDS for specific hazard information and safe handling instructions