

# MATERIAL SAFETY DATA SHEET

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## AB Aquashade

1. Product And Company Identification			
<b>Supplier</b> Applied Biochemists (WI) A division of Advantis Technologies, Inc. W175 N11163 Stonewood Drive, Suite 234 Germantown, WI 53022  Telephone Number: (262) 255-4449 FAX Number: (262) 255-4268 Web Site: www.appliedbiochemists.com		<b>Manufacturer</b> Advantis Technologies 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States  Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911	
Issue Date: 05/12/2009  Product Name: AB Aquashade Chemical Name: Water Soluble Dye Chemical Formula: Proprietary MSDS Number: 361			
2. Composition/Information On Ingredients			
Ingredient Name		CAS Number	Percent Of Total Weight
DYE ACID BLUE 9		3844-45-9	
DYE ACID YELLOW 23		1934-21-0	
Ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% or more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% or more of the composition. Information on proprietary materials is available in 29CFR 1910.1200(i)(1).			
3. Hazards Identification			
<b>Primary Routes(s) Of Entry</b> See appropriate emergency procedures below for principle route of entry. Never give anything by mouth to an unconscious person.			
<b>Eye Hazards</b> May cause eye irritation and redness.			
<b>Skin Hazards</b> May cause slight skin irritation. May stain tissue.			
<b>Ingestion Hazards</b> Ingestion may result in gastric disturbances or irritation.			
<b>Inhalation Hazards</b> Inhalation may cause respiratory tract discomfort.			
<b>Chronic/Carcinogenicity Effects</b> None known.			
<b>Conditions Aggravated By Exposure</b> None known.			

## AB Aquashade

### 4. First Aid Measures

#### Eye

Flush with large amounts of water for at least 15 minutes. Contact a physician if irritation occurs.

#### Skin

Wash the area with large amounts of soap and water for at least 15 minutes. Wash clothes thoroughly before reuse.

#### Ingestion

Do not induce vomiting. Call a physician or a poison control center immediately.

#### Inhalation

Remove to fresh air.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** NA °F

**Flammability Class:** Non-flammable

#### Fire And Explosion Hazards

None known.

#### Extinguishing Media

Water, carbon dioxide, or foam

#### Fire Fighting Instructions

Cool area to prevent product containers from bursting or melting. Firefighters should be equipped with self-contained breathing apparatus.

### 6. Accidental Release Measures

Contain spill. Soak up with absorbant. Place in a suitable container for disposal. Wash area with soap and water. Care should be taken when handling this product as it can stain. Wear appropriate personal protective equipment. Do not flush liquid into public sewer, water systems, or surface waters.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling And Storage Precautions

Keep away from intense heat and open flame.

#### Handling Precautions

Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid drinking, tasting, swallowing or ingesting this product. Was thoroughly after handling this product. Always wash before eating, smoking, or using the facilities. Use under well-ventilated conditions.

#### Storage Precautions

Keep container closed when not in use. Do not store in open, unlabeled or mislabeled containers.

## AB Aquashade

### Protective Clothing (Pictograms)



### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Local exhaust acceptable. Special exhaust normally not required

#### Eye/Face Protection

Safety glasses with side shields or goggles.

#### Skin Protection

Chemical resistant gloves

#### Respiratory Protection

Not normally required.

### 9. Physical And Chemical Properties

#### Appearance

Blue liquid

#### Odor

None

**Chemical Type:** Mixture

**Physical State:** Liquid

**Melting Point:** NA °F

**Boiling Point:** 212 °F 100 °C

**Specific Gravity:** 1.055 (Water = 1)

**Percent Volitales:** Not determined

**Vapor Pressure:** Not determined

**pH Factor:** 4.2-4.7

**Solubility:** Miscible in water

**Evaporation Rate:** Not determined

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Does not occur

#### Conditions To Avoid (Stability)

Keep away from intense heat and open flame.

#### Incompatible Materials

None known

#### Hazardous Decomposition Products

None known

#### Conditions To Avoid (Polymerization)

None

### 11. Toxicological Information

#### Acute Oral Effects

**C.I. Acid Blue 9, Disodium Salt:** Oral, Rat, adult: LD50 > 2000 mg/kg

## AB Aquashade

### 11. Toxicological Information - Continued

#### Chronic/Carcinogenicity

**Dye Acid Blue 9:** Lifetime feeding studies in rats and mice indicate that Acid Blue 9 is not carcinogenic. The no-observed-adverse-effect levels (NOAEL) in these studies were highest dose tested in male rats (1072 mg/kg/day) and both sexes of mice (7354-8966 mg/kg/day); the NOAEL in female rats was 631 mg/kg/day based on decrements in terminal body weight and survival.

#### Reproductive Effects

**Acid Blue 9:** No reproductive or developmental effects have been observed in rats or rabbits.

### 12. Ecological Information

#### Ecotoxicological Information

**Acid Blue 9:** %BOD after  
 7 days = 77  
 12 days = 84  
 20 days = 88

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

### 14. Transport Information

#### Proper Shipping Name

Not regulated

#### Hazard Class

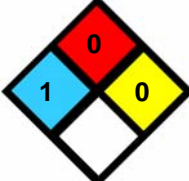
None assigned

#### DOT Identification Number

NONE

### 15. Regulatory Information

No Data Available...

<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>PERSONAL PROTECTION</td> <td style="text-align: center;">B</td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	B
HEALTH	1								
FLAMMABILITY	0								
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### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

#### Disclaimer

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Applied Biochemists (WI)