

MATERIAL SAFETY DATA SHEET

Page 1 of 4

AB Aquashadow

1. Product And Company Identification															
Supplier 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		Manufacturer 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													
Supplier Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911		Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300 ACEAN - DAY OR NIGHT: (800) 654-6911													
Issue Date: 05/12/2009 Product Name: AB Aquashadow Chemical Name: Water Soluble Dye Chemical Formula: Proprietary MSDS Number: 361															
2. Composition/Information On Ingredients															
<table border="1"><thead><tr><th>Ingredient Name</th><th>CAS Number</th><th></th><th>Percent Of Total Weight</th></tr></thead><tbody><tr><td>DYE ACID BLUE 9</td><td>3844-45-9</td><td></td><td></td></tr><tr><td>DYE ACID YELLOW 23</td><td>1934-21-0</td><td></td><td></td></tr></tbody></table>				Ingredient Name	CAS Number		Percent Of Total Weight	DYE ACID BLUE 9	3844-45-9			DYE ACID YELLOW 23	1934-21-0		
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															
Primary Routes(s) Of Entry See appropriate emergency procedures below for principle route of entry. Never give anything by mouth to an unconscious person.															
Eye Hazards May cause eye irritation and redness.															
Skin Hazards May cause slight skin irritation. May stain tissue.															
Ingestion Hazards Ingestion may result in gastric disturbances or irritation.															
Inhalation Hazards Inhalation may cause respiratory tract discomfort.															
Chronic/Carcinogenicity Effects None known.															
Conditions Aggravated By Exposure None known.															

AB Aquashadow

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 Aquashadow

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 Aquashadow

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

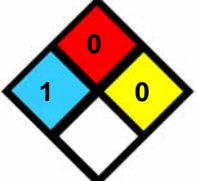
None assigned

DOT Identification Number

NONE

15. Regulatory Information

No Data Available...

NFPA	HMIS								
	<table border="1"> <tr> <td style="background-color: #00B0F0;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FF0000;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #FFFF00;">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								
REACTIVITY	0								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: JHW

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

Applied Biochemists (WI)