

MATERIAL SAFETY DATA SHEET

Ultima Nix

1. Product And Company Identification			
Supplier Advantis Technologies, Inc. 1400 Bluegrass Lakes Parkway Alpharetta, GA 30004 United States Telephone Number: (770) 521-5999 FAX Number: (770) 521-5959 Web Site: www.poolspacare.com		Manufacturer Advantis Technologies, Inc. 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		Manufacturer Emergency Contacts & Phone Number CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 05/27/2008 Product Name: Ultima Nix Chemical Name: Swimming Pool Algaecide CAS Number: Not Established MSDS Number: 384			
2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	68424-85-1		
ETHANOL	64-17-5		
LANTHANUM CHLORIDE	10099-58-8		
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			
Eye Hazards May cause severe eye irritation.			
Skin Hazards May cause skin irritation of may be harmful if absorbed through the skin.			
Ingestion Hazards May be fatal if ingested. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscles paralysis affecting the ability to breath, circulatory shock. convulsions.			
Inhalation Hazards May cause irritation to mucous membranes.			
Chronic/Carcinogenicity Effects No data exists for this product. Lanthanons can cause delayed blood clotting leading to hemorrhages. Exposure may also lead to sensitivity to heat, itching, increased awareness of odor and taste, and liver damage.			

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First Aid (Pictograms)



4. First Aid Measures

Eye

In case of contact with eyes, immediately flush eyes thoroughly with water for at least 30 minutes. Seek medical attention.

Skin

In case of contact with skin, immediately flush with soap and water for at least 15 minutes. Remove and wash all contaminated clothing. Seek medical attention.

Ingestion

If swallowed drink promptly a large quantity of egg whites, gelatin solution or, if these are not available, drink large quantities of water. Seek medical attention immediately.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

Note To Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.

Fire Fighting (Pictograms)



5. Fire Fighting Measures

Flash Point: 110.6 °F 43.7 °C

Flash Point Method: Tag Closed Cup

Fire And Explosion Hazards

Explosive mixtures may form with air. Combustion products are toxic. Solvent vapors can travel to an ignition source and flashback.

Extinguishing Media

Dry chemical, Water fog, Carbon dioxide, Foam

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material.

6. Accidental Release Measures

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material has been picked up. Large spills should be contained; the material then moved into containers and disposed of by approved methods for hazardous waste.

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Handling & Storage (Pictograms)



7. Handling And Storage

Handling Precautions

Do not breath vapor. Avoid prolonged or repeated exposure. Avoid contact with eyes, skin, and clothing.

Storage Precautions

Keep from freezing. Keep container tightly sealed and store in a cool, dry place.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate ventilation to keep airborne concentrations low.

Eye/Face Protection

Wear protective eyeglasses or chemical safety goggles.

Skin Protection

Wear rubber gloves and other protective clothing to avoid skin contact.

Respiratory Protection

None normally required. If needed, wear NIOSH approved respirator for fumes and mists.

9. Physical And Chemical Properties

Appearance

Straw color

Odor

Benzaldehyde

Chemical Type: Mixture

Physical State: Liquid

Specific Gravity: 1.16

Packing Density: 9.6807 lbs/gal

pH Factor: 6.45

Viscosity: 108.4 mm²/s (cSt)

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions To Avoid (Stability)

Do not freeze.

Incompatible Materials

Strong oxidizers or reducing agents.

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10. Stability And Reactivity - Continued

Hazardous Decomposition Products

Hydrogen chloride fumes, oxides of carbon and nitrogen.

11. Toxicological Information

Skin Effects

Acute Dermal LD50 (rabbit) >2.0 g/kg body weight.

Acute Oral Effects

Oral LD50 (rat) = 1098 mg/kg

12. Ecological Information

Ecotoxicological Information

No data exists for this product.

13. Disposal Considerations

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

14. Transport Information

Proper Shipping Name

Not Regulated

Hazard Class

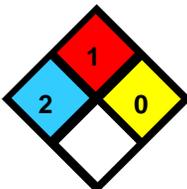
None Assigned

DOT Identification Number

NONE

15. Regulatory Information

No Data Available...

NFPA	HMIS								
	<table><tbody><tr><td>HEALTH</td><td>2</td></tr><tr><td>FLAMMABILITY</td><td>1</td></tr><tr><td>REACTIVITY</td><td>0</td></tr><tr><td>PERSONAL PROTECTION</td><td>D</td></tr></tbody></table>	HEALTH	2	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	D
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FLAMMABILITY	1								
REACTIVITY	0								
PERSONAL PROTECTION	D								

16. Other Information

No Data Available...

Disclaimer

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Advantis Technologies, Inc.