

MATERIAL SAFETY DATA SHEET

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Ultima Nix

1. Product And Company Identification																			
Supplier 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		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: 10/27/2009 Product Name: Ultima Nix Chemical Name: Swimming Pool Algaecide MSDS Number: 384																			
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>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</td><td>68424-85-1</td><td></td><td></td></tr><tr><td>ETHANOL</td><td>64-17-5</td><td></td><td></td></tr><tr><td>LANTHANUM CHLORIDE</td><td>10099-58-8</td><td></td><td></td></tr></tbody></table>				Ingredient Name	CAS Number		Percent Of Total Weight	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1			ETHANOL	64-17-5			LANTHANUM CHLORIDE	10099-58-8		
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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).																			
EMERGENCY OVERVIEW																			
Danger, Keep out of reach of children, Corrosive.																			
3. Hazards Identification																			
Eye Hazards Causes irreversible eye damage.																			
Skin Hazards May cause skin burns and/or 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. Inhalation of high concentrations of mists or vapor may lead to central nervous system effects, including headaches, dizziness, and drowsiness.																			
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

Hold eyelids open and rinse slowly with water for 15-20 minutes. Remove contact lenses if present after 5 minutes then continue rinsing eye. Call poison control center or doctor for treatment advice.

Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion

Call a poison control center immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless directed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation

Move person to fresh air. If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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.

Have product container with you when calling a poison control center or doctor, or when going for treatment. IN CASE OF EMERGENCY CALL: 1-800-654-6911.

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. Wash hands thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Storage Precautions

Keep from freezing. Keep container tightly sealed and store in a cool, dry place. Do not use near heat or open flame. Do not mix with oxidizers, soap or anionic detergents or other water treating chemicals.

Nonrefillable container - household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

Nonrefillable container - single-use, non-resealable package}

[Keep this product dry in its tightly closed container. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

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Work/Hygienic Practices

Wash hands thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

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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.

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

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.

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13. Disposal Considerations

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

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14. Transport Information

Proper Shipping Name

Environmentally Hazardous Substance, Liquid, n.o.s. (Lanthanum Chloride), Marine Pollutant

Hazard Class

9, PGIII

DOT Identification Number

UN3082

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14. Transport Information - Continued

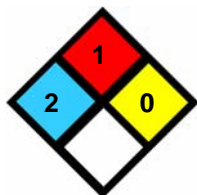
DOT (Pictograms)



15. Regulatory Information

No Data Available...

NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	D

16. Other Information

No Data Available...

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).

Advantis Technologies, Inc.