



# MATERIAL SAFETY DATA SHEET

## Leisure Time CitraBright

<b>1. Product And Company Identification</b>			
<b>Supplier</b> Leisure Time 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>Manufacturer</b> 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	
<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300		<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC - DAY OR NIGHT: (800) 424-9300	
Issue Date: 08/05/2004  Product Name: Leisure Time CitraBright Chemical Name: Citrus Cleaner MSDS Number: 282			
<b>2. Composition/Information On Ingredients</b>			
Ingredient Name		CAS Number	Percent Of Total Weight
D-LIMONENE		5989-27-5	
DIETHANOLAMINE		111-42-2	
DIETHYLENEGLYCOLMONOBUTYLETHER		112-34-5	
TETRASODIUMMETHYLENEDIAMINETETRAACETICACID		64-02-8	
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).			
<b>EMERGENCY OVERVIEW</b>			
Product is harmful if swallowed. Can cause irritation to the eyes, skin, and respiratory system.			
<b>3. Hazards Identification</b>			
<b>Eye Hazards</b> Product can cause irritation to the eyes.			
<b>Skin Hazards</b> Skin contact may cause irritation or redness. Contains a potential skin sensitizer. Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin.			
<b>Ingestion Hazards</b> Ingestion may cause vomiting, headache, and other medical problems.			
<b>Inhalation Hazards</b> Inhalation can cause nose, throat, and respiratory tract irritation, coughing, and headache.			
<b>4. First Aid Measures</b>			
<b>Eye</b> Flush with water for at least 15 minutes. Seek medical attention.			

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### 4. First Aid Measures - Continued

#### Skin

Wash affected area with copious amounts of soap and water. If irritation persists, seek medical attention.

#### Ingestion

Seek medical attention immediately. Do not induce vomiting.

#### Inhalation

If symptoms are noticed, move to fresh air. If symptoms persist, seek medical attention.

### Fire Fighting (Pictograms)



### 5. Fire Fighting Measures

**Flash Point:** 123 °F 50 °C

**Flammability Class:** Combustible

**Lower Explosive Limit:** Not Determined

**Upper Explosive Limit:** Not Determined

#### Fire And Explosion Hazards

Combustible Liquid. Keep away from heat, sparks, and open flame. Guard against spontaneous combustion of improperly discarded cleaning rags. May form peroxides of unknown stability.

#### Extinguishing Media

Carbon Dioxide, foam, or dry chemical.

#### Fire Fighting Instructions

SCBA recommended. Smother to exclude air. Do not use water. Handle as an oil fire.

### 6. Accidental Release Measures

Use personal protective equipment. Small spills can be wiped up. For larger spills, absorb spill with vermiculite, sand, or other suitable material and collect for disposal. Do not hose spills down drains, sewers, or waterways. Move leaking containers to well ventilated area. Keep away from ignition sources and open flames.

### Handling & Storage (Pictograms)



### 7. Handling And Storage

#### Handling Precautions

Wear personal protective equipment. Avoid contact with skin, eyes, and clothes. Wash hands thoroughly after handling.

#### Storage Precautions

Keep container closed. Store away from heat sources and open flames.

### Protective Clothing (Pictograms)



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### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use in well-ventilated areas.

#### Eye/Face Protection

Safety glasses with side shields (or goggles) recommended.

#### Skin Protection

Wear chemical impervious gloves.

### 9. Physical And Chemical Properties

#### Appearance

Orange Liquid

#### Odor

Citrus

**Chemical Type:** Mixture

**Physical State:** Liquid

**Specific Gravity:** 0.984

**pH Factor:** 9.7-9.9

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions To Avoid (Stability)

Avoid temperatures over 123F.

#### Incompatible Materials

Avoid contact with strong oxidizing agents and acidic agents including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

#### Hazardous Decomposition Products

Smoke may be acid and fume irritating. Burning generates CO, CO<sub>2</sub>, and smoke.

#### Conditions To Avoid (Polymerization)

Polymerization catalysts such as aluminum chloride and acidic clays.

### 11. Toxicological Information

No toxicological data exists for this product.

### 12. Ecological Information

#### Ecotoxicological Information

No ecotoxicological data exists for this product.

### 13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations.

### 14. Transport Information

#### Proper Shipping Name

Flammable Liquids, N.O.S. (D-Limonene)

#### Hazard Class

3, PGIII (<5L Consumer Commodity ORM-D)

#### DOT Identification Number

UN1993

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### 14. Transport Information - Continued

#### Additional Shipping Paper Description

North American Emergency Response Guide No. 128.

This material may be reclassified as a combustible liquid and is not regulated, via ground transportation, in containers less than 119 gallons [see 49 CFR 173.150(f)].

### 15. Regulatory Information

#### U.S. Regulatory Information

All components of this product are listed on the TSCA inventory.

NFPA	HMIS
	HEALTH 1
	FLAMMABILITY 2
	REACTIVITY 0
	PERSONAL PROTECTION B

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: JHW

#### Disclaimer

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