

FOR ANY EMERGENCY, 24 HOURS / 7 DAYS, CALL:	1-800-654-6911 (OUTSIDE USA: 1-423-780-2970)
FOR ALL TRANSPORTATION ACCIDENTS, CALL CHEMTREC®:	1-800-424-9300 (OUTSIDE USA: 1-703-527-3887)
FOR ALL MSDS QUESTIONS & REQUESTS, CALL:	1-800-511-MSDS (OUTSIDE USA: 1-423-780-2347)

**PRODUCT NAME: LEISURE TIME SPA UP****1. PRODUCT AND COMPANY IDENTIFICATION**

**Supplier**  
Leisure Time  
1400 Bluegrass Lakes Parkway ,  
Alpharetta, GA, 30004  
United States

Telephone: +17705215999  
Telefax: +17705215959  
Web: www.poospacare.com

REVISION DATE: 07/30/2012  
SUPERCEDES: 03/01/2011  
MSDS Number: 000000012584  
SYNONYMS:  
CHEMICAL FAMILY: None  
DESCRIPTION / USE: None established  
FORMULA: None established

**Manufacturer**  
Advantis Technologies  
1400 Bluegrass Lakes Parkway  
Alpharetta, GA 30004  
United States of America

**2. HAZARDS IDENTIFICATION**

OSHA Hazard  
Classification:

**Mild eye irritant**

Routes of Entry: Inhalation, skin, eyes, ingestion  
Chemical Interactions: None known.  
Medical Conditions Aggravated: None known.

Human Threshold Response Data

Odor Threshold                      Not established for product.

Irritation Threshold                Not established for product.

**Hazardous Materials Identification System / National Fire Protection Association Classifications**

<u>Hazard Ratings :</u>	<u>Health</u>	<u>Flammability</u>	<u>Physical / Instability</u>	<u>PPI / Special hazard.</u>
HMIS	1	0	0	
NFPA	1	0	0	

Immediate (Acute) Health Effects

Inhalation Toxicity:                      Can cause mechanical irritation if dusts are generated. Not expected to be toxic by inhalation.

Skin Toxicity:                                Not expected to cause irritation. Not expected to be absorbed through the skin. Not expected to be toxic from dermal contact.

Eye Toxicity:                                May cause mild eye irritation. No corneal involvement or visual impairment is expected.

Ingestion Toxicity:                        Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Not expected to be toxic by ingestion.

Acute Target Organ Toxicity:            There are no known or reported target organ effects from acute exposure.

Prolonged (Chronic) Health Effects

Carcinogenicity:                            This material did not cause cancer in long-term animal studies.

Reproductive and  
Developmental Toxicity:                This product did not cause developmental effects in a study with laboratory animals.

Inhalation:                                    There are no known or reported effects from chronic exposure.

Skin Contact:                                There are no known or reported effects from chronic exposure.

Skin Absorption:                            There are no known or reported effects from chronic exposure.

Ingestion:                                    There are no known or reported effects from chronic ingestion except for effects similar to those experienced from single exposure.

Sensitization:                                This material is not known or reported to be a skin or respiratory sensitizer.

Chronic Target Organ Toxicity:        There are no known or reported target organ effects from chronic exposure.

Supplemental Health Hazard  
Information :                                No additional health information available.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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<u>CAS OR CHEMICAL NAME</u>	<u>CAS #</u>	<u>% RANGE</u>
Sodium Bicarbonate	144-55-8	

### 4. FIRST AID MEASURES

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Inhalation:	IF INHALED: Remove individual to fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.
Skin Contact:	IF ON SKIN: Flush skin with water for 15 minutes. Take off all contaminated clothing. Seek medical attention if irritation develops.
Eye Contact:	IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.
Ingestion:	IF SWALLOWED: Immediately drink water to dilute. Seek medical attention if symptoms develop. Never give anything by mouth to an unconscious person.

### 5. FIRE FIGHTING MEASURES

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Flammability Summary (OSHA): The product is not flammable., Not combustible., The substance or mixture is not classified as pyrophoric., Not explosive

#### Flammable Properties

Fire / Explosion Hazards:	Will not burn
Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire Fighting Instructions:	Use water spray to cool unopened containers. In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

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Personal Protection for Emergency Situations: Use the personal protective equipment recommended in Section 8 and a NIOSH approved self-contained breathing apparatus.

#### Spill Mitigation Procedures

Air Release: not applicable

Water Release: Notify all downstream users of possible contamination. Divert water flow around spill if possible and safe to do so.

Land Release: Sweep up and shovel into suitable containers for disposal. Avoid creating dust. Do not place spill materials back in their original containers.

Additional Spill Information : Prevent further leakage or spillage if safe to do so. Use personal protective equipment as required. Evacuate personnel to safe areas.

## 7. HANDLING AND STORAGE

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Handling: Do not take internally. Avoid contact with skin, eyes and clothing. If in eyes or on skin, rinse well with water. Avoid breathing dust.

Storage: Store in a cool, dry and well ventilated place. Isolate from incompatible materials.

Shelf Life Limitations: Do not store at temperatures above:

Incompatible Materials for Storage: Refer to Section 10, "Incompatible Materials."

Do Not Store At temperatures Above: 85 DEG°C / 185 DEG°F  
Do not store at temperatures above:

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ventilation: Local exhaust ventilation is recommended if significant dusting occurs. Otherwise use general exhaust ventilation.

### Protective Equipment for Routine Use of Product

Respiratory Protection : Respiratory protection not normally needed., If dusting occurs, wear a NIOSH approved N95 dust respirator.

Skin Protection : Impervious gloves

Eye Protection: Safety glasses with side-shields

Protective Clothing Type: impervious clothing

### Exposure Limit Data

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>Name of Limit</u>	<u>Exposure</u>
No Data Found			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: solid  
Form: No data.  
Color: No data.

Odor:	No data.
Molecular Weight:	84 Gm
Specific Gravity :	no data available
pH :	8.5
	10 g/l (as aqueous solution)
Boiling Point:	not applicable
Freezing Point:	no data available
Melting Point:	no data available
Density:	0.993 g/cm <sup>3</sup>
Bulk Density:	no data available
Vapor Pressure:	not applicable
Vapor Density:	not applicable
Viscosity:	not applicable
Solubility in Water:	95 g/l
	20 °C
Partition coefficient n- octanol/water:	Not applicable
Evaporation Rate:	not applicable
Oxidizing:	None established
Volatiles, % by vol.:	no data available
VOC Content	no data available
HAP Content	Not applicable

## 10. STABILITY AND REACTIVITY

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Stability and Reactivity Summary:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Chemical Incompatibility:	Acids
Hazardous Decomposition Products:	Carbon dioxide (CO <sub>2</sub> )
Decomposition Temperature:	No data

## 11. TOXICOLOGICAL INFORMATION

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### Component Animal Toxicology

#### Oral LD50 value:

Sodium Bicarbonate      LD50 > 5,000 mg/kg      Rat

### Component Animal Toxicology

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Dermal LD50 value:

Sodium Bicarbonate LD50 &gt; 2,000 mg/kg Rabbit

Component Animal ToxicologyInhalation LC50 value:

Sodium Bicarbonate Inhalation LC50 4 h (Whole-body) &gt; 4.74 MG/L Rat

Product Animal ToxicityOral LD50 value: LD50 > 5,000 mg/kg ratDermal LD50 value: LD50 > 2,000 mg/kg rabbitInhalation LC50 LC50 4 h (Whole-body) > 4.74 mg/l ratvalue:

Skin Irritation: Not expected to cause irritation.

Eye Irritation: This material is expected to be slightly irritating.

Skin Sensitization: Not believed to be sensitising to skin.

## Acute Toxicity:

There are no known or reported target organ effects from acute exposure.

## Subchronic / Chronic

Not known or reported to cause subchronic or chronic toxicity.

## Toxicity:

## Reproductive and

## Developmental Toxicity:

This product did not cause developmental effects in a study with laboratory animals.

Sodium Bicarbonate

This product did not cause developmental effects in a study with laboratory animals.

## Mutagenicity:

Sodium Bicarbonate

This chemical has been tested and was shown to be non-mutagenic.

This chemical has been tested and was shown to be non-mutagenic.

## Carcinogenicity:

Sodium Bicarbonate

This material did not cause cancer in long-term animal studies.

This material did not cause cancer in long-term animal studies.

## 12. ECOLOGICAL INFORMATION

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## Overview:

Practically non-toxic to fish and other aquatic organisms.

Ecological Toxicity Values for: Sodium Bicarbonate

Bluegill sunfish	- (measured, flow-through) 96 h LC50 = 7,100 mg/l
Bluegill sunfish	- (nominal, static). 96 h LC50 = 8,600 mg/l



## 15. REGULATORY INFORMATION

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**UNITED STATES:**

Toxic Substances Control Act (TSCA): The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

EPA Pesticide Registration Number: None established

FIFRA Listing of Pesticide Chemicals (40 CFR 180): Not registered in the US under FIFRA.

**Superfund Amendments and Reauthorization Act (SARA) Title III:**

Hazard Categories Sections 311 / 312 (40 CFR 370.2):

Health	Immediate (Acute) Health Hazard
Physical	None

**Emergency Planning & Community Right to Know (40 CFR 355, App. A):**
**Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:**

ZUS_SAR302	TPQ (threshold planning quantity)	None established
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**Reportable Quantity (49 CFR 172.101, Appendix):**

ZUS_CERCLA	Reportable quantity	None established
ZUS_SAR302	Reportable quantity	None established

**Supplier Notification Requirements (40 CFR 372.45), 313 Reportable Components**

ZUS_SAR313	De minimis concentration	None established
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**Clean Air Act Toxic ARP Section 112r:**

CAA 112R	None established
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**Clean Air Act Socmi:**

HON SOC	None established
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**Clean Air Act VOC Section 111:**

CAA 111	None established
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**Clean Air Act Haz. Air Pollutants Section 112:**

ZUS_CAAHAP	None established
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ZUS_CAAHRP	None established
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CAA AP None established

**State Right-to-Know Regulations Status of Ingredients****Pennsylvania:**

CAS #	COMPONENT NAME
ZUSPA_RTK	None established

**New Jersey:**

CAS #	COMPONENT NAME
ZUSNJ_RTK	None established

**Massachusetts:**

CAS #	COMPONENT NAME
ZUSMA_RTK	None established

**California Proposition 65:**

CAS #	COMPONENT NAME
ZUSCA_P65	None established

**WHMIS Hazard Classification:**

None established

**16. OTHER INFORMATION**

MSDS REVISION STATUS :

SECTIONS REVISED: 1

Major References : Available upon request.

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