

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008

MSDS No: Spa Choice Spa Sanitizing Granules

Date Revised: 06/23/2008

Revision No: 1

Spa Choice Spa Sanitizing Granules

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Spa Sanitizing Granules

GENERAL USE: Spa Sanitizer

PRODUCT DESCRIPTION: Sodium Dichloro-s-triazinetione Dihydrate

MOLECULAR FORMULA: C₃Cl₂N₃O₃Na·2H₂O

ACTIVE INGREDIENT(S): Sodium Dichloro-s-triazinetione Dihydrate

MANUFACTURER

Suncoast Chemicals Company
14480 62nd Street North
Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
14480 62nd Street North
Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White granular product

IMMEDIATE CONCERNS: Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Will burn with evolution of chlorine and equally toxic gases. Do not get in eye, on skin, or on clothing. Avoid breathing dust and fumes.

POTENTIAL HEALTH EFFECTS

EYES: Dust and process vapors may irritate eyes.

SKIN: Initially non-irritating but prolonged contact will produce chemical burns. Burns are also induced when moisture is added.

INGESTION: May cause Irritation or burns to the gastrointestinal tract.

INHALATION: Irritating to nose, mouth, throat and lungs. May cause burns to respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE TOXICITY: Repeated exposure may cause eye, nose, throat and pharynx irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS	EINECS
Sodium Dichloro-s-triazinetriene Dihydrate	100	051580-86-0	--

COMMENTS: 55.0 - 56.0% active chlorine

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: Immediately drink large quantities of water. Do NOT induce vomiting. Call a physician at once. Do not give anything by mouth to an unconscious person.

INHALATION: Remove victim to fresh air. If breathing is difficult, administer oxygen. Call a physician.

ADDITIONAL INFORMATION: Chronic Effect: Prolonged contact may result in irritation to eyes, skin and mucous membranes.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE LIMITS: 0 to 0

Notes: Non-flammable.

EXTINGUISHING MEDIA: Use massive amounts of water.

EXPLOSION HAZARDS: Highly reactive oxidizing materials may result in fire.

FIRE FIGHTING PROCEDURES: Saturate with massive quantities of water to extinguish thermal decomposing products. If possible, isolate them to an open area, wearing self-contained breathing apparatus with full facepiece and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep up spill with a dry broom and contain. Do not allow material to sit on ground and become moist. Do not contaminate with water, organics or nitrogen compounds.

7. HANDLING AND STORAGE

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HANDLING: Keep away from moisture, sunlight and high temperatures. Keep away from flammable liquids, combustibles and oxidizers. Avoid dust formation.

STORAGE: Store in a cool, dry, well-ventilated area. Do not store at temperatures above 60 deg C/140 deg F.

STORAGE TEMPERATURE: Less than 25 degrees Celsius.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Sodium Dichloro-s-triazinetrione Dihydrate	TWA	Not Established		Not Established		[1]	[1]
	STEL	Not Established		Not Established			
Footnotes:							
1. The TLV for Chlorine is 0.5 ppm (1.5 mg/m ³) TWA and 1ppm STEL.							

ENGINEERING CONTROLS: Local exhaust with circulation to the outside is needed in the event of decomposition which produces fumes and chlorine gas.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical safety glasses or goggles.

SKIN: Impervious gloves.

RESPIRATORY: If needed, use OSHA-NIOSH approved respirator for dusts, mists, and fumes with TLV not less than 0.05 mg/m³.

PROTECTIVE CLOTHING: Neoprene apron and impervious clothing.

WORK HYGIENIC PRACTICES: Provide safety shower and eyewash station in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Mild chlorine.

APPEARANCE: White granular.

pH: 6.5

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VAPOR PRESSURE: 100

VAPOR DENSITY: 100

BOILING POINT: Not Applicable

FREEZING POINT: Not Applicable

FLASHPOINT AND METHOD: Not Applicable

SOLUBILITY IN WATER: 26.2 g/100ml H₂O at 25 degrees C

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: 1.95

VISCOSITY: Not Applicable

(VOC): 100.000

10. STABILITY AND REACTIVITY

STABILITY: Stable under dry and normal conditions.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen trichloride, chlorine, cyanic acid

INCOMPATIBLE MATERIALS: Avoid contact with organic matter. Avoid contact with easily chlorinated or oxidized materials which may result in fire.

Avoid contact with ammonia, ammonium salts, urea or similar compounds which contain nitrogen. This may form nitrogen trichloride, a highly explosive compound.

Avoid contamination with oils and greases which may cause decomposition with the formation of CO₂ and Cl₂.

This product may form an explosive mixture with calcium hypochlorite.

In a formulation containing this material as the major component, alkaline materials such as soda ash (Na₂CO₃) in the presence of moisture may cause violent decomposition and fire.

Avoid contact with alcohols, ethers, and solvents (toluene, xylene, turpentine, etc.)

Avoid contact with small amounts of water. (Do not add water to chemical, add chemical to water.)

11. TOXICOLOGICAL INFORMATION

COMMENTS: Acute Toxicity: Oral LD₅₀ 738 mg/kg (rat) 1355 (male) 1400 (female)

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12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

48-HOUR EC₅₀: 3.19 TLM ppm Oryzias Latipes

GENERAL COMMENTS: This product is toxic to fish and aquatic life.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted by DOT

SPECIAL SHIPPING NOTES: DOT Special Provision #28 states "The dihydrated sodium salt of dichlorisocyanuric acid is not subject to the requirements of this subchapter."

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

REGULATIONS

STATE REGULATIONS Massachusetts Hazardous Substance - Yes
 Pennsylvania Hazardous Substance - Yes

CALIFORNIA PROPOSITION 65: NA = Not Applicable

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This is an EPA-registered product.

16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1 This MSDS replaces the June 11, 2008 MSDS. Any changes in information are as follows: In Section 1 Date Prepared In Section 1 Date Prepared In Section 1 Date Prepared In Section 1 Date

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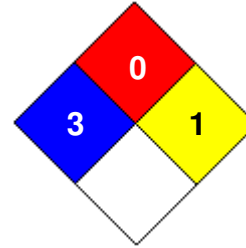
Spa Choice Spa Sanitizing Granules

Prepared In Section 1 Date Prepared In Section 1 Date Prepared In Section 1 Date Prepared In Section 1 Date Prepared

HMIS RATING

HEALTH:		3
FLAMMABILITY:		0
PHYSICAL HAZARD:		1
PERSONAL PROTECTION:		

NFPA CODES



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MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008

MSDS No: Spa Choice Clear & Sparkle

Revision No: New MSDS

Spa Choice Clear & Sparkle

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Clear & Sparkle
GENERAL USE: Swimming pool clarifier.

MANUFACTURER

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Minor transient irritation.

SKIN: Substance does not generally irritate and is only mildly irritating to susceptible people.

INGESTION: Poses little or no immediate hazard.

INHALATION: Not expected to be toxic by inhalation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Proprietary Blend	100

4. FIRST AID MEASURES

EYES: Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Not considered toxic.

INHALATION: Remove to fresh air.

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MSDS No: Spa Choice Clear & Sparkle

Revision No: New MSDS

Spa Choice Clear & Sparkle

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 100°C (212°F) CC

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam.

EXPLOSION HAZARDS: None.

FIRE FIGHTING PROCEDURES: Spills produce extremely slippery surfaces.

FIRE FIGHTING EQUIPMENT: No special equipment required.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not discharge into drains or waterways.

GENERAL PROCEDURES: Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities, clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

HANDLING: Wash hands after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
			EXPOSURE LIMITS		
			OSHA PEL		
Chemical Name			ppm	mg/m ³	
Proprietary Blend			TWA	[1]	[1]
Footnotes:					
1. Although a component of this product is considered an OSHA Hazardous material, this product does not contain any reportable OSHA hazardous materials.					

ENGINEERING CONTROLS: Natural ventilation is adequate. Use local exhaust if misting occurs.

PERSONAL PROTECTIVE EQUIPMENT

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Spa Choice Clear & Sparkle

EYES AND FACE: Wear safety glasses with side shields. Do not wear contacts.

RESPIRATORY: In case of insufficient respiration, wear suitable respiratory equipment.

PROTECTIVE CLOTHING: Chemical resistant apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

APPEARANCE: Blue liquid.

pH: 5.8 to 7.1

VAPOR PRESSURE: N/A

VAPOR DENSITY: 1.04 g/cm³

FLASHPOINT AND METHOD: > 100°C (212°F) CC

SOLUBILITY IN WATER: Complete.

EVAPORATION RATE: Not Available

VISCOSITY #1: 1000 to 3000 CPS

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and applied as directed. Burning of the dried material can produce hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides.

INCOMPATIBLE MATERIALS: Oxidizing agent may cause exothermic reactions.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: > 2000 mg/kg (rat)

Notes: Not expected to be toxic.

CHRONIC: NOEL/Oral (rat) 90 day = 5000 mg/kg.

IRRITATION: Testing on rabbits shows minor transient irritation which cleared in days. Skin exposure may cause skin irritation with susceptible persons.

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Spa Choice Clear & Sparkle

TERATOGENIC EFFECTS: Not teratogenic. Noel=175 mg/kg.

MUTAGENICITY: Not mutagenetic.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 10 mg/l (Danio Rerio)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Hazard Categories: Health: Immediate (Acute) Health Hazard

313 REPORTABLE INGREDIENTS: No ingredients listed at or above the de minimus level.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No components of this product are present above the de minimus levels.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

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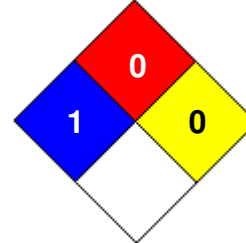
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Spa Choice Clear & Sparkle

HMIS RATING

HEALTH:	<input type="checkbox"/>	1
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA CODES



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MATERIAL SAFETY DATA SHEET



Date Issued: 07/17/2008
MSDS No: Spa Choice Defense
Revision No: New MSDS

Spa Choice Defense

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Defense
GENERAL USE: Spa Descaler

MANUFACTURER

Suncoast Chemicals Company
14480 62nd Street North
Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
14480 62nd Street North
Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Irritating to eyes and skin.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Ingestion is not expected to be a primary route of exposure.

INHALATION: May be harmful if inhaled. Do not breathe spray mists of the undiluted product. Effects will depend upon strength and length of time of exposure.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: Not listed by NTP, IARC or OSHA.

TARGET ORGAN STATEMENT: May cause damage to the eyes, skin and upper respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Proprietary Blend - No Reportable OSHA Hazardous Materials	0

4. FIRST AID MEASURES

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EYES: Hold eyelids open and flush with a copious amounts of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist.

SKIN: Wash exposed area with plenty of water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth with plenty of water or milk. Irrigate the esophagus and dilute the stomach by slowly giving 1 to 2 glasses of water or milk. In cases where the individual is semi-comatose, comatose or convulsing, DO NOT GIVE FLUIDS BY MOUTH. In cases of intentional ingestion, seek immediate medical assistance. Take individual to nearest medical facility.

INHALATION: Immediately move person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek immediate medical treatment.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Available

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide may be formed upon burning.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Initially minimize are affected by spill or leak. Block any potential routes to water systems. Ensure that spilled or leaked product does not come into contact with material listed as incompatible. Clay, soil, or commercially available absorbent may be used to recover any material that cannot readily be recovered as pure product. Flushing residual material to an industrial sewer, may be acceptable if authorized approval is obtained.

7. HANDLING AND STORAGE

HANDLING: Do not get on skin or in eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

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Spa Choice Defense

EYES AND FACE: Safety glasses with side shields or goggles.

SKIN: Chemical-resistant gloves.

RESPIRATORY: None normally required.

PROTECTIVE CLOTHING: Body protective clothing and shoes.

WORK HYGIENIC PRACTICES: Provide safety shower and eyewash station in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

pH: 4.32

VAPOR PRESSURE: Not Available

VAPOR DENSITY: 1.21 g/cm³

BOILING POINT: 100°C (212°F)

FREEZING POINT: Not Available

FLASHPOINT AND METHOD: Not Available

SOLUBILITY IN WATER: Soluble in water.

SPECIFIC GRAVITY: 1.010

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None known, but carbon monoxide may be formed upon burning.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 2000 mg/kg (rabbit)

ORAL LD₅₀: > 5000 mg/kg (rat)

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12. ECOLOGICAL INFORMATION

COMMENTS: None available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

RCRA/EPA WASTE INFORMATION: This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, N.O.S. (Acrylamide-Acrylic Acid Copolymer)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 1760

PACKING GROUP: III

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Consumer Commodity (ORM-D) when inner packaging does not exceed 1 gallons.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

313 REPORTABLE INGREDIENTS: No ingredients listed at or above the de minimus level.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No components of this product are present above the de minimus levels.

16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

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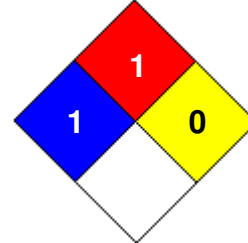
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Spa Choice Defense

HMIS RATING

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



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Spa Choice Foam Free

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Foam Free
GENERAL USE: Spa and Swimming Pool Defoamer
PRODUCT DESCRIPTION: Silicone emulsion

MANUFACTURER

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

- EYES:** May cause temporary redness and discomfort.
SKIN: No significant irritation expected from short-term exposure.
INGESTION: Low ingestion hazard in normal use.
INHALATION: May cause mild irritation if exposed to spray or mist.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
No hazardous materials as defined in OSHA Hazard Communication	100

4. FIRST AID MEASURES

- EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if any adverse effect occurs.
SKIN: No first aid needed.
INGESTION: Treat according to person's condition and specifics of exposure.
INHALATION: No first aid needed.

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Spa Choice Foam Free

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 100°C (212°F) CC

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: On large fires, use dry chemical, foam or water spray. On small fires, use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

EXPLOSION HAZARDS: None known.

FIRE FIGHTING PROCEDURES: Use water to cool containers exposed to fire.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations. For large spills, provide diking or other appropriate containment to keep from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

7. HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Avoid eye contact.

STORAGE: Use reasonable care and store away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses as a minimum.

SKIN: Wash thoroughly after handling.

RESPIRATORY: None normally required.

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PROTECTIVE CLOTHING: No special protection needed.

OTHER USE PRECAUTIONS: Avoid eye contact. Use reasonable care.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Slight.

APPEARANCE: White liquid.

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined.

FREEZING POINT: N/A

FLASHPOINT AND METHOD: > 100°C (212°F) CC

EVAPORATION RATE: < 1

SPECIFIC GRAVITY: 1.000

VISCOSITY #1: < 5000 CST

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxidizing material can cause a reaction.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not available.

CHEMICAL FATE INFORMATION: Not available.

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Spa Choice Foam Free

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

RCRA/EPA WASTE INFORMATION: This product is not considered a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA).

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not considered hazardous.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients are listed or exempt.

REGULATIONS

STATE REGULATIONS

Massachusetts:

7664-93-9 <0.1% Sulfuric Acid

New Jersey:

7732-18-5 >60% Water

63148-62-9 15-40% Polydimethylsiloxane

67762-90-7 1-5% Methylated silica

9004-67-5 1-5% Methylcellulose

Pennsylvania:

7732-18-5 >60% Water

63148-62-9 15-40% Polydimethylsiloxane

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/17/2008

MSDS No: Spa Choice Foam Free

Revision No: New MSDS

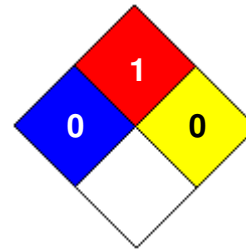
Spa Choice Foam Free

RCRA STATUS: Not regulated.

16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

NFPA CODES



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MATERIAL SAFETY DATA SHEET



Date Issued: 12/17/2008

MSDS No: Spa Choice pH Decreaser

Spa Choice pH Decreaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice pH Decreaser**GENERAL USE:** pH Decreaser**MANUFACTURER**

Suncoast Chemicals Company

14480 62nd Street North

Clearwater FL 33760

Product Stewardship: (727) 531-8913**24 HR. EMERGENCY TELEPHONE NUMBERS**

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW**IMMEDIATE CONCERNS:** Causes eye irritation. May cause skin and respiratory tract irritation. Avoid contact with eyes and skin. Avoid breathing dust. Wash exposed skin thoroughly after handling.**POTENTIAL HEALTH EFFECTS****EYES:** May cause mild to severe irritation. May cause burn if not flushed with water.**SKIN:** Prolonged exposure may cause moderate irritation. May cause burn if not flushed with water.**INGESTION:** Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.**INHALATION:** May irritate or burn nose, throat and lungs.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****CARCINOGENICITY:** Not listed by NTP, IARC or OSHA.**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing respiratory conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Vol. %	CAS	EINECS
Sulfuric Acid, Monosodium Salt	0	007681-38-1	231-665-7
Sulfuric Acid Disodium Salt	8	007757-82-6	231-820-9

COMMENTS: Common Name: Sodium Bisulfate

4. FIRST AID MEASURES

MATERIAL SAFETY DATA SHEET



Date Issued: 12/17/2008

MSDS No: Spa Choice pH Decreaser

Spa Choice pH Decreaser

EYES: Immediately flush eyes with water for at least 15 minutes, lifting eyelids to thoroughly flush. If redness persists, get prompt medical attention.

SKIN: Immediately flush affected area with water for at least 15 minutes. If burn occurs, seek immediate medical attention.

INGESTION: If large amounts are swallowed (greater than a tablespoonful), drink large quantities of water or milk. Follow with Milk of Magnesia, beaten eggs or vegetable oil. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove to fresh air. If breathing has not returned to normal within a few minutes after exposure, get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not combustible.

FLAMMABLE LIMITS: 0 to 0

GENERAL HAZARD: Because material will readily dissolve in water to form a weak acid solution, avoid water contact with material, if possible.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING EQUIPMENT: Because product readily dissolves in water to form a weak acid solution, use acid protective equipment. No gases or toxic fumes are emitted from this reaction, however if elevated temperatures are reached (above 806 deg F), self contained breathing apparatus should be used.

HAZARDOUS DECOMPOSITION PRODUCTS: At temperatures above 806 deg F, hazardous fumes sulfur oxide and sulfur trioxide are evolved.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Vacuum or shovel material and place in disposal container. Avoid excessive dust generation. Dilute residual material with large amounts of water and direct to sanitary sewer if regulations permit.

COMMENTS: WATER SPILL: Readily dissolves in water to form a weak acid solution. If water is isolated or can be contained, neutralize with weak alkaline solution. Notify appropriate authorities if require by regulations.

7. HANDLING AND STORAGE

HANDLING: Wear all recommended personal protective clothing when handling. Avoid contact with eyes. Wash thoroughly after handling. Minimize dust generation. Avoid breathing dust.

STORAGE: Material is hygroscopic and will readily absorb moisture. Keep containers tightly closed. DO NOT store where exposed to moist conditions. DO NOT store near strong alkalis.

MATERIAL SAFETY DATA SHEET



Date Issued: 12/17/2008

MSDS No: Spa Choice pH Decreaser

Spa Choice pH Decreaser

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Sulfuric Acid, Monosodium Salt	TWA	ppm ^[1]	mg/m ³ ^[1]	ppm	mg/m ³	NL ppm	NL mg/m ³
	STEL	ppm	mg/m ³	ppm	mg/m ³	NL ppm	NL mg/m ³
Footnotes:							
1. This material meets the definition as an Irritant as defined in OSHA's Hazard Communication Standard.							

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical safety glasses or goggles.

SKIN: Rubber gloves and cotton-blend coveralls.

RESPIRATORY: In dusty atmospheres (greater than 10 mg/m³) use a NIOSH-approved dust respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Dry crystalline solid.

ODOR: Fresh to pungent.

APPEARANCE: Off-white granular powder.

pH: < 1.0 5% aqueous solution spherical shaped beads.

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A.

MELTING POINT: 350 °C (177 °F)

FLASHPOINT AND METHOD: Not combustible.

SOLUBILITY IN WATER: 1080 g/L

DENSITY: 80-85 lbs/ft³ (loose)

MOLECULAR WEIGHT: 120

MATERIAL SAFETY DATA SHEET



Date Issued: 12/17/2008

MSDS No: Spa Choice pH Decreaser

Spa Choice pH Decreaser

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide and sulfur trioxide are formed when heated over 806 deg F.

INCOMPATIBLE MATERIALS: Avoid contact with strong alkaline material such as caustic. Dissolves readily in water to form a weak acid solution. DO NOT mix with liquid chlorine bleach, ammonia cleansers or similar products. Do not store dry product where exposed to moist conditions.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: 2800 mg/kg (rat)

SKIN EFFECTS: Neither corrosive nor destructive to skin of rabbits. Occasionally a very slight rash may appear.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This material dissolves in water to form a weak acid solution. A 0.05% or greater (by weight) solution of this product will likely be harmful to aquatic life.

CHEMICAL FATE INFORMATION: Material will decompose in soil. Studies show that there are no adverse effects of applying the main ingredient in this product directly to crops. In fact, there are existing products on the market that use sodium bisulfate as a soil additive to improve crop production. However, do not apply excessive quantities to soil.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

MATERIAL SAFETY DATA SHEET



Date Issued: 12/17/2008

MSDS No: Spa Choice pH Decreaser

Spa Choice pH Decreaser

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: No.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Sulfuric Acid, Monosodium Salt	007681-38-1
Sulfuric Acid Disodium Salt	007757-82-6

TSCA REGULATORY: All components are listed on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: There are no chemicals present known to the State of California to cause cancer.

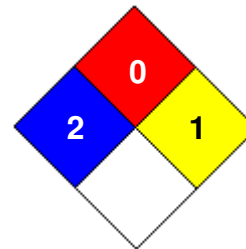
16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	2
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



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MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice pH Increaser
 Date Revised: 12/17/2008
 Revision No: 1

Spa Choice pH Increaser

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice pH Increaser
GENERAL USE: pH Increaser

MANUFACTURER

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Irritating to the eyes. Continuous contact may irritate skin.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Continuous contact causes skin irritation (red, dry, cracked skin).

INGESTION: May be harmful if swallowed.

INHALATION: Excessive levels of dust may irritate the mucous membranes and upper respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Carbonic Acid, Disodium Salt	100	000497-19-8	207-838-8

4. FIRST AID MEASURES

EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
MSDS No: Spa Choice pH Increaser
Date Revised: 12/17/2008
Revision No: 1

Spa Choice pH Increaser

INGESTION: DO NOT INDUCE VOMITING. Rinse mouth with plenty of water. Slowly give 1 to 2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove to fresh air. If breathing is difficult, get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not combustible.

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: Water, fog, carbon dioxide, dry chemical.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits fumes of sodium oxide.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up and recycle into process, if possible. Use appropriate equipment if dust is generated or contact with eyes is expected. Flush residues and liquid to holding area for neutralization before discharge.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep out of reach of children. Do not store with acids. Keep containers tightly closed. Store material in a cool and dry place.

HANDLING: Do not breathe dust. Avoid contact with skin and eyes.

STORAGE: Store in a cool dry place. Keep away from acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice pH Increaser
 Date Revised: 12/17/2008
 Revision No: 1

Spa Choice pH Increaser

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Carbonic Acid, Disodium Salt	TWA	[1]	[1]	NL	NL
	STEL			NL	NL
Footnotes: 1. NL = Not Listed					

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear splash goggles.

SKIN: Impervious gloves.

RESPIRATORY: In dusty atmospheres use a NIOSH-approved dust respirator.

PROTECTIVE CLOTHING: Chemical resistant apron and arm-protector. If clothing becomes contaminated, remove and launder before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

APPEARANCE: White granular.

pH: 11.4 1% solution.

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A.

BOILING POINT: Decomposes

FREEZING POINT: 851 °C (1564 °F)

FLASHPOINT AND METHOD: Not combustible.

SOLUBILITY IN WATER: 33.2% maximum

SPECIFIC GRAVITY: 2.509

10. STABILITY AND REACTIVITY

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
MSDS No: Spa Choice pH Increaser
Date Revised: 12/17/2008
Revision No: 1

Spa Choice pH Increaser

STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with acids except under controlled conditions.

INCOMPATIBLE MATERIALS: Aluminum powder, acids, fluorine, molten lithium.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Severely irritating (rabbit).

SKIN EFFECTS: Non-irritant to intact skin. Minor irritant may occur to abraded skin.

CHRONIC: May cause severe irritations of the eyes including the corneal opacities.

CARCINOGENICITY

Notes: None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as carcinogen.

SENSITIZATION: Non-sensitizer.

TARGET ORGANS: Eyes.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 300 mg/L (Bluegill Sunfish)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice pH Increaser
 Date Revised: 12/17/2008
 Revision No: 1

Spa Choice pH Increaser

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR370): 10000 lbs.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Carbonic Acid, Disodium Salt	000497-19-8

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

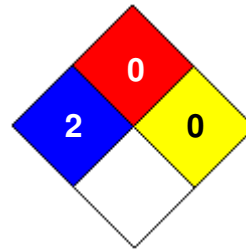
16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1. This MSDS replaces the July 01, 2008 MSDS. Any changes in information are as follows: In Section 1: MSDS Number

HMIS RATING

HEALTH:	2
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



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MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice Re-Energize
 Date Revised: 10/14/2008
 Revision No: 2

Spa Choice Re-Energize

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Re-Energize
GENERAL USE: Oxidizer
PRODUCT DESCRIPTION: Potassium Monopersulfate Compound (Peroxygen Salt)

MANUFACTURER

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White granular product

IMMEDIATE CONCERNS: This product is a skin and eye corrosive, and a nose and throat irritant. May cause allergic skin reactions in sensitive individuals. Ingestion may cause inflammation and damage to the lining of the stomach, resulting in bleeding.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye corrosion or ulceration. Severe eye damage may result if not immediately treated.

SKIN: Corrosive to skin. Skin contact with aqueous solutions or the dry powder upon contact with moisture or perspiration may cause skin burns or ulceration. Temporary body hair loss may occur in contacted areas. Skin contact with the product may cause allergic skin reactions in sensitive individuals.

INGESTION: May cause gastritis, possibly progressing to necrosis or hemorrhage.

INHALATION: May cause nose bleeds and irritation of the upper respiratory passages with coughing and discomfort.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

MEDICAL CONDITIONS AGGRAVATED: Individuals with pre-existing conditions of the skin or gastrointestinal tract may have increased susceptibility to the toxicity of excessive exposures.

3. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice Re-Energize
 Date Revised: 10/14/2008
 Revision No: 2

Spa Choice Re-Energize

Chemical Name	Wt.%	CAS	EINECS
Magnesium Carbonate	2	000546-93-0	208-915-9
Potassium Bisulfate	23	007646-93-7	231-594-1
Potassium Peroxydisulfate	3	007727-21-1	231-781-8
Potassium Peroxymonosulfate	43	010058-23-8	233-187-7
Potassium Sulfate	29	007778-80-5	231-915-5

4. FIRST AID MEASURES

EYES: Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes. Call a physician immediately.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

INGESTION: DO NOT INDUCE VOMITING. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Will not burn.

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: Water. Do not use carbon dioxide or other gas-filled fire extinguishers. They will have no effect on decomposing persulfates.

EXPLOSION HAZARDS: Improper storage of large masses of this product can trap heat and lead to ignition of combustibles. Grinding or intensive mixing may cause decomposition with liberation of heat and oxygen; ignition of oxidizing material, if present, may occur.

FIRE FIGHTING PROCEDURES: Will release oxygen when heated, intensifying a fire. Acidic mist may be present. Self contained breathing apparatus should be used.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Sweep up thoroughly. Flush area with low pressure water.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice Re-Energize
 Date Revised: 10/14/2008
 Revision No: 2

Spa Choice Re-Energize

7. HANDLING AND STORAGE

HANDLING: Do not inhale. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash clothing after use.

STORAGE: Store in a cool, dry, well-ventilated area away from heat sources.

LOADING TEMPERATURE: Replace the lid on plastic pails when they are not in use to prevent contamination and extend shelf life.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Magnesium Carbonate	TWA		15T, 5	NIC	(10)
Potassium Peroxydisulfate	TWA				0.1

ENGINEERING CONTROLS: Local exhaust.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields.

SKIN: Where there is potential for skin contact, wear impervious gloves, apron, pants and jacket.

RESPIRATORY: A NIOSH-approved air purifying respirator with an appropriate particulate cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential of an uncontrolled release, if exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

COMMENTS: NOTE: EXPOSURE LIMIT OF MONPERSULFATE COMPOUND

PEL = Particulates (Not Otherwise Regulated) 15 mg/m³, 8 Hr. TWA, total dust
 TLV = None established.

AEL (Manufacturer's recommended exposure limit) Oxone Monopersulfate Compound - 1 mg/m³; Total Dust, 8 & 12 hr TWA. Potassium Sulfate - 10 mg/m³, 8 hr. TWA.

9. PHYSICAL AND CHEMICAL PROPERTIES

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
MSDS No: Spa Choice Re-Energize
Date Revised: 10/14/2008
Revision No: 2

Spa Choice Re-Energize

PHYSICAL STATE: Solid

ODOR: Mild chlorine.

APPEARANCE: White granular.

pH: 2.3 (1% solution)

VAPOR PRESSURE: None

VAPOR DENSITY: Not volatile.

BOILING POINT: @ 760 mm Hg - decomposes

MELTING POINT: Decomposes

FLASHPOINT AND METHOD: Will not burn.

EVAPORATION RATE: Not volatile.

SPECIFIC GRAVITY: 1.000 to 1.400

(VOC): 100.000

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable when handled and stored as indicated.

CONDITIONS TO AVOID: May be unstable at temperatures above 170 deg C (338 deg F). Avoid storage at temperatures above 52 deg C (125 deg F). Prevent ingress of humidity and moisture into container or package. Always close the lid.

POSSIBILITY OF HAZARDOUS REACTIONS: Decomposes when heated or dampened, releasing oxygen and heat of decomposition.

INCOMPATIBLE MATERIALS: The mixture of this product with compounds containing halides or active halogens (bromine, chlorine, iodine) can cause the release of the respective halogen gas, if moisture is present. Avoid these gases (bromine and chlorine) because they are very irritating to eyes and lungs even at low concentrations. Never mix this product with dry or concentrate bromine-containing chemicals such as bromates, bromides, or any concentrated bromine pool chemicals. Mixing this product with dry chlorine chemicals such as hypochlorites, sodium dichloroisocyanurate (dichlor), sodium trichloroisocyanurate (trichlor) or with sodium chloride (salt), may cause the release of chlorine gas.

Mixing with cyanides can cause release of hydrogen cyanide gas. Mixing with heavy metal salts such as those of cobalt, nickel, copper, or manganese can cause decomposition with release of oxygen and heat.

11. TOXICOLOGICAL INFORMATION

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice Re-Energize
 Date Revised: 10/14/2008
 Revision No: 2

Spa Choice Re-Energize

ACUTE

SKIN ABSORPTION: > 11000 mg/kg (rabbits)

ORAL LD₅₀: 200-2000 mg/kg (rat)

INHALATION LC₅₀: > 5 mg/L (4 hour)

Notes: In rats.

EYE EFFECTS: This product is a severe eye irritant in animals.

SKIN EFFECTS: This product is a severe skin irritant in animals, but not a skin sensitizer.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: 53 mg/L (Rainbow Trout)

48-HOUR EC₅₀: 3.5 mg/L (Daphnia Magna)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Solid, Acidic, Inorganic, N.O.S. (monopersulfate compound)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3260

PACKING GROUP: II

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Consumer Commodity (ORM-D) when inner packaging does not exceed 2.2 lbs and outer packaging does not exceed 66 lbs.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Not listed.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/01/2008
 MSDS No: Spa Choice Re-Energize
 Date Revised: 10/14/2008
 Revision No: 2

Spa Choice Re-Energize

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Magnesium Carbonate	000546-93-0
Potassium Bisulfate	007646-93-7
Potassium Peroxydisulfate	007727-21-1
Potassium Peroxymonosulfate	010058-23-8
Potassium Sulfate	007778-80-5

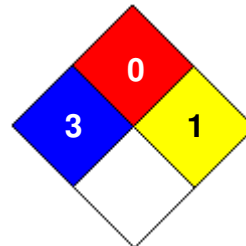
16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 2. This MSDS replaces the June 13, 2008 MSDS.

HMIS RATING

HEALTH:	3
FLAMMABILITY:	0
PHYSICAL HAZARD:	1
PERSONAL PROTECTION:	

NFPA CODES



MANUFACTURER 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 purpose(s).

MATERIAL SAFETY DATA SHEET



Date Issued: 07/28/2008
 MSDS No: Spa Choice Spa Fragrances
 Date Revised: 10/29/2008
 Revision No: 1

Spa Choice Spa Fragrances

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa Choice Spa Fragrances
GENERAL USE: Spa Fragrance
PRODUCT DESCRIPTION: Spa Fragrance

MANUFACTURER

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Suncoast Chemicals Company
 14480 62nd Street North
 Clearwater FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

Chem-Tel 24-Hour Emergency # (800) 255-3924

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: None reported.

SKIN: None reported.

INGESTION: None reported.

INHALATION: None reported.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS
Water	007732-18-5	231-791-2
1,2,3- Propanetriol	000056-81-5	200-289-5
1,2-propanediol	000057-55-6	200-338-0
Fragrance		
Siloxanes And Silicones, Di-me	063148-62-9	xxx-xxx-x
May contain FD&C Red 40; FD&C Red 33; FD&C Blue 1; FD&C Yellow 5; and/or FD&C Yellow 6.		

MATERIAL SAFETY DATA SHEET



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Spa Choice Spa Fragrances

4. FIRST AID MEASURES

EYES: Immediately irrigate the eye for five minutes.

SKIN: Not applicable.

INGESTION: Not applicable.

INHALATION: Not applicable.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: No data.

FLAMMABLE LIMITS: 0 to 0

EXTINGUISHING MEDIA: Flood with water or use carbon dioxide, foam, or dry chemical.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Clean up with soap and water.

7. HANDLING AND STORAGE

HANDLING: Exercise reasonable care and caution.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special ventilation requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY: N/A.

BOILING POINT: N/A

FLASHPOINT AND METHOD: No data.

SOLUBILITY IN WATER: Complete.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/28/2008
MSDS No: Spa Choice Spa Fragrances
Date Revised: 10/29/2008
Revision No: 1

Spa Choice Spa Fragrances

EVAPORATION RATE: N/A.

SPECIFIC GRAVITY: 1.035 to 1.038 at 25°C

10. STABILITY AND REACTIVITY

STABILITY: Stable.

11. TOXICOLOGICAL INFORMATION

COMMENTS: None available.

12. ECOLOGICAL INFORMATION

COMMENTS: None available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

COMMENTS None

16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 1. This MSDS replaces the July 29, 2008 MSDS.

MATERIAL SAFETY DATA SHEET



Date Issued: 07/28/2008

MSDS No: Spa Choice Spa Fragrances

Date Revised: 10/29/2008

Revision No: 1

Spa Choice Spa Fragrances

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