

SAFETY DATA SHEET



Date Prepared : 07/01/2008
 SDS No. : 268 Solus Ideal pH
 Date Revised : 07/28/2015
 Revision No : 2

Solus Spa Collection Ideal pH

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Solus Spa Collection Ideal pH
GENERAL USE: Phosphate Based Buffer

MANUFACTURER

Suncoast Chemicals Company
 6385 150th Ave. N.
 Clearwater, FL 33760
Emergency Contact: ChemTel, Inc.
Emergency Phone: (800) 255-3924
Product Stewardship: (727) 531-8913

DISTRIBUTOR

Sun Wholesale Supply, Inc.
 (727) 531-8913
 6385 150th Ave N.
 Clearwater, FL 33760
Emergency Phone: (800) 255-3924

24 HR. EMERGENCY TELEPHONE NUMBERS

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

2. HAZARDS IDENTIFICATION

GHS LABEL

This product is not classified as hazardous according to the Globally Harmonized System (GHS)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Monosodium Phosphate Anhydrous	< 10	10049-21-5

COMMENTS: Product is a mixture of ingredient listed above blended with non-hazardous ingredients. The identity and exact percentages are being withheld as a trade secret.

4. FIRST AID MEASURES

EYES: Remove contacts, if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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

INGESTION: Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

INHALATION: Supply fresh air; consult a doctor in case of complaints.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Slight irritant effect on eyes.

SKIN: Slight irritant effect on skin and mucous membranes.

INGESTION: Gastric or intestinal disorders when ingested. Nausea in case of ingestion.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Formation of toxic gases is possible during heating or in case of fire.

EXTINGUISHING MEDIA: Use fire fighting measures that suit the environment.

FIRE FIGHTING EQUIPMENT: Firefighters should wear self-contained respiratory protective device and full protective suit.

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6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose of the collected material according to regulations.

RELEASE NOTES: Do not allow to enter sewers/surface or ground water.

SPECIAL PROTECTIVE EQUIPMENT: Ensure adequate ventilation. For large spills wear protective clothing. Use respiratory protective device against the effects of fumes/dust/aerosol.

7. HANDLING AND STORAGE

HANDLING: Prevent formation of aerosols.

STORAGE: Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store away from oxidizing agents. Store in cool, dry conditions in well sealed receptacles.

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
Monosodium Phosphate Anhydrous	TWA	[1]	[1]	[2]	[2]
Footnotes: 1. 15 mg/m ³ (total dust) 8-hr TWA; 5 mg/m ³ (respirable) 8-hr TWA for Particulates Not Otherwise Regulated 2. 10 mg/m ³ (Inhalable) 8 hr TWA; 3 mg/m ³ (respirable) 8 hr TWA for Particulates Not Otherwise Classified					

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses recommended.

SKIN: Not required under normal conditions of use. Wear protective gloves to handle contents of damaged or leaking units.
 Glove material has to be impermeable and resistant to the product.

RESPIRATORY: Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

PROTECTIVE CLOTHING: Not requires under normal conditions of use. Protection may be required for spills.

OTHER USE PRECAUTIONS: Keep away from foodstuffs, beverages and feed. Do not inhale gases/fumes/aerosols. Avoid contact with eyes. Avoid close or long term contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Blue liquid.

pH: 7.92

FLASHPOINT AND METHOD: Will not burn.

FLAMMABLE LIMITS: 0 to 0

SOLUBILITY IN WATER: Fully miscible

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SPECIFIC GRAVITY: 1

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Store away from oxidizing materials.

POSSIBILITY OF HAZARDOUS REACTIONS: Toxic fumes may be released if heated above the decomposition point.

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphorous oxides.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

NOTES: Monosodium Phosphate Anhydrous:

LD50 Oral 7100 mg/kg (rat) Practically non-toxic.

LD50 Dermal 7940 mg/kg (rabbit); practically non-toxic

Eye Irritation 1.3/110.0 (rabbit); practically nonirritating.

Dipotassium Phosphate Anhydrous:

LD50 Oral greater than 500 mg/kg (rat) -No more than slightly toxic

LD50 Dermal greater than 300 mg/kg (rabbit); mildly irritating in unwashed eyes

Eye Irritation (rabbit); mildly irritating in unwashed eyes

Eye irritation (rabbit; non-irritating in washed eyes

EYE EFFECTS: Slightly irritating to eyes.

SKIN EFFECTS: Slightly irritating to skin.

CARCINOGENICITY

IARC: Not classified as a carcinogen.

NTP: Components of this product are not listed as a carcinogen by the NTP.

OSHA: Components of this product are not listed as a carcinogen by OSHA.

SENSITIZATION: Not considered to be a contact sensitizer.

COMMENTS: When used and handled according to specifications, the product does not have any harmful effects according to experience and the information provided.

12. ECOLOGICAL INFORMATION

Notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

COMMENTS: Monosodium Phosphate Anhydrous:

48-hr EC50 Daphnia Magna: greater than 1000 mg/L; Practically nontoxic

96-hr LC50 Bluegill sunfish; 6400 mg/L; Practically nontoxic

96-hr LC50 Rainbow trout; 3200 mg/L; Practically nontoxic

Dipotassium Phosphate Anhydrous:

48-hr EC50 Daphnia magna: greater than 100 mg/L; Practically nontoxic

96-hr LC50 Myside Shrimp; greater than 1000 mg/L; Practically nontoxic

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96-hr LC50 Rainbow trout; greater than 100 mg/L; Practically nontoxic

13. DISPOSAL CONSIDERATIONS

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

PRODUCT DISPOSAL: Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

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: Not listed.

313 REPORTABLE INGREDIENTS: No reportable chemicals.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not Applicable

EPA

EPA RQ INGREDIENT: Not applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components are listed.

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

16. OTHER INFORMATION

Date Revised: 07/28/2015

REVISION SUMMARY: This SDS replaces the 07/18/2008 SDS. Revised: **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:** COMMENTS, Wt.%. **Section 4:** EYES, INGESTION, INHALATION, SIGNS AND SYMPTOMS OF OVEREXPOSURE (INGESTION, SKIN), SKIN. **Section 5:** EXTINGUISHING MEDIA, FIRE FIGHTING EQUIPMENT, GENERAL HAZARD. **Section 6:** GENERAL PROCEDURES, RELEASE NOTES, SPECIAL PROTECTIVE EQUIPMENT. **Section 7:** HANDLING, STORAGE. **Section 8:** ENGINEERING CONTROLS, OTHER USE PRECAUTIONS, PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORY, PROTECTIVE CLOTHING). **Section 9:** SOLUBILITY IN WATER, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 11:** COMMENTS, EYE EFFECTS, IARC, NTP, OSHA, SENSITIZATION, SKIN EFFECTS. **Section 12:** AQUATIC TOXICITY (ACUTE) - Notes. **Section 13:** PRODUCT DISPOSAL. **Section 15:** EPA RQ INGREDIENT, 313 REPORTABLE INGREDIENTS, TSCA STATUS, CALIFORNIA PROPOSITION 65. **Section 16:** HMIS RATING (PERSONAL PROTECTION), NFPA CODES - HEALTH.

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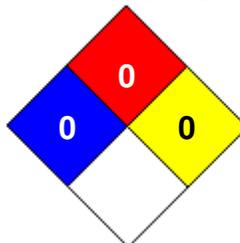
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HMIS RATING

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

NFPA CODES



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