



SAFETY DATA SHEET

Date Issued : 06/19/2018
SDS No. : Solus Spa Descaler

Solus Spa Collection Spa Descaler

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Solus Spa Collection Spa Descaler
GENERAL USE: Metal and Scale Control for Swimming Pools
PRODUCT DESCRIPTION: Stain and Scale Control

MANUFACTURER

Suncoast Chemicals Company
6385 150th Ave. N.
Clearwater, FL 33760
Product Stewardship: (727) 531-8913

24 HR. EMERGENCY TELEPHONE NUMBERS

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

2. HAZARDS IDENTIFICATION

GHS LABEL

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H319: Causes serious eye irritation.
H315 + H320: Causes skin and eye irritation.
H303 + H313 + H333: May be harmful if swallowed, in contact with skin or if inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
1,2,4 Butanetricarboxylic Acid, 2-phosphono-	Proprietary	37971-36-1
Inert Ingredients	Proprietary	-----

4. FIRST AID MEASURES

EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. See a doctor immediately.

SKIN: Remove contaminated clothing. Wash affected area with soap and plenty of water. Wash clothing before reuse. If irritation persists, seek medical attention.

INGESTION: DO NOT INDUCE VOMITING. Give 1 or 2 glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. Never give anything by mouth to an unconscious person.

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

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

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, phosphoric acid, and other unidentified combustion products.

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

6. ACCIDENTAL RELEASE MEASURES



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LARGE SPILL: Avoid skin and eye contact with liquid. Soak up material and shovel into a chemical waste container. Remove container from work area.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Wash thoroughly after handling.

STORAGE: Store in a cool, dry place. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Indirect ventilation goggles.

RESPIRATORY: Use a NIOSH/MSHA approved respirator for organic vapors, dusts and fumes whose TLV is greater than 0.05 mg/m³.

PROTECTIVE CLOTHING: Wear appropriate chemical resistant clothing.

WORK HYGIENIC PRACTICES: Even though this material is not classified as hazardous according to US OSHA's 2012 Hazard Communication Standard, good hygiene and safety practices should be followed. Good hygiene practices include but are not limited to: wearing suitable gloves and/or eye protection; washing hands and affected skin immediately after handling, before breaks, and at the end of the workday; regularly cleaning work area and clothing; etc.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Light Yellow

pH: < 2 (10% aqueous)

PERCENT VOLATILE: 50

VAPOR DENSITY: No data available

SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 1.28 g/m³

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: None Expected.

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, phosphoric acid and other unidentified combustible products.

INCOMPATIBLE MATERIALS: Steel, strong bases, strong oxidizers and strong alkali.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL LD₅₀: > 2000 mg/kg - Rat

SKIN CORROSION/IRRITATION: Hazardous in case of contact. Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or occasional blistering.

SERIOUS EYE DAMAGE/IRRITATION: Very hazardous in case of eye contact. Inflammation of the eye is characterized by redness, watering and itching.

RESPIRATORY OR SKIN SENSITISATION: May be harmful if inhaled. Effects will depend upon solution strength and length of exposure time.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is completely water soluble. Due to this, care should be taken to minimize release of



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undiluted product into the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

EMPTY CONTAINER: Do not reuse empty container.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, Acidic, Organic, N.O.S., (2-Phosphono-1-2-4-butanetricarboxylic acid)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3265

PACKING GROUP: III

REPORTABLE QUANTITY (RQ) UNDER CERCLA: None

PLACARDS: CORROSIVE

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act.

CALIFORNIA PROPOSITION 65: This product does not contain any Proposition 65 chemicals.

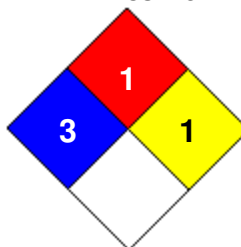
16. OTHER INFORMATION

Date Prepared: 06/19/2018

HMIS RATING

HEALTH	<input type="checkbox"/>	3
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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