

SAFETY DATA SHEET

Date Prepared : 04/11/2011
SDS No. : SC Ultimate Metal Control
Date Revised : 05/11/2015
Revision No : 2

Suncoast Ultimate Metal Control

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Suncoast Ultimate Metal Control

GENERAL USE: Metal Control for swimming pools.

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



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H290: May be corrosive to metals.
H303: May be harmful if swallowed.
H314: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENT(S)

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.
4304ZF6P: Wash exposed skin thoroughly after handling.
7052PC2H: Wear protective gloves, eye protection, protective clothing.
P234: Keep only in original container.
P501: Dispose of contents/container in accordance with applicable local and federal regulations.

POTENTIAL HEALTH EFFECTS

EYES: Corrosive. Causes eye burns and permanent tissue damage.

SKIN: Corrosive. May cause skin burns and permanent skin damage.

INGESTION: Corrosive to mouth, esophagus and stomach.

INHALATION: Vapors and mists may be irritating to eyes and respiratory tract.

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS
1,2,4 Butanetricarboxylic Acid, 2-phosphono-	Trade Secret	37971-36-1
Phosphonic Acid, (1-hydroxyethylidene)bis-	Trade Secret	2809-21-4
Other non-hazardous ingredients	Trade Secret	

COMMENTS: Trade Secret

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 plenty of soap and water for 15 minutes while removing contaminated clothing and shoes. Get immediate medical attention. Launder clothing before re-use and discard shoes that cannot be thoroughly cleaned.

INGESTION: Do not induce vomiting. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION: Immediately move the victim from exposure and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: Use water spray to cool fire-exposed surfaces and to protect personnel. Isolate "fuel" supply from fire.

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

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: For spills, implement cleanup procedures.

LARGE SPILL: Implement cleanup procedures and if in public areas, advise authorities.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent additional discharge of material, if possible to do so without hazard. Request all to stay clear. This material is water soluble/dispersible, and may not be recoverable.

LAND SPILL: Prevent additional discharge of material, if possible to do so without hazard. Warn occupants and downwind areas of corrosive release hazard and request all to stay clear.

GENERAL PROCEDURES: Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbent.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep containers closed. Open container carefully and handle with care. Store in a cool, well-ventilated place away from incompatible materials. Do NOT pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers.

STORAGE: Corrosive to most metals, including carbon steel, aluminum/aluminum alloys and copper /copper alloys.

STORAGE TEMPERATURE: Ambient.

STORAGE PRESSURE: Atmospheric

COMMENTS: Avoid contact with strong oxidizing agents.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Phosphonic Acid, (1-hydroxyethylidene)bis-	TWA	ppm ^[1]	mg/m ³ ^[1]	ppm	mg/m ³	NL	NL
	STEL	ppm	mg/m ³	ppm	mg/m ³	NL	NL
Footnotes:							
1. NL = Not Listed							

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical splash goggles and face shield.

SKIN: Chemical-resistant gloves.

RESPIRATORY: When misting may occur, a NIOSH/MSHA approved respirator approved for the material and level of exposure may be used.

PROTECTIVE CLOTHING: Long sleeves.

WORK HYGIENIC PRACTICES: Eyewash fountains in the workplace are strongly recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild.

COLOR: Blue

pH: < 2

FLASHPOINT AND METHOD: Not Flammable

FLAMMABLE LIMITS: Non-flammable.

BOILING POINT: > (212°F)

FREEZING POINT: Not Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 1.151 to 1.159

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable.

CONDITIONS TO AVOID: Contact with common metals might produce flammable hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS: Phosphines, CO, CO₂ and oxides of nitrogen.

INCOMPATIBLE MATERIALS: Strong oxidizers and strong alkalis.

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11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Avoid contact with eyes.

SKIN EFFECTS: Avoid contact with skin.

TARGET ORGANS: May cause damage to the following organs: upper respiratory tract, skin, eyes.

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: Corrosive Liquid, Acidic, Organic, N.O.S. (Phosphonic acids)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3265

PACKING GROUP: II

OTHER SHIPPING INFORMATION: DOT exception 173.154 - this product qualifies as a Limited Quantity when inner packaging does not exceed 0.3 gallons.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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

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: If spilled, this product is not subject to any reporting requirements.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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

16. OTHER INFORMATION

Date Revised: 05/11/2015

REVISION SUMMARY: This SDS replaces the 04/06/2015 SDS. Revised: **Section 3: COMMENTS, Wt.%.**

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HMIS RATING

HEALTH	<input type="text"/>	3
FLAMMABILITY	<input type="text"/>	0
PHYSICAL HAZARD	<input type="text"/>	1
PERSONAL PROTECTION	<input type="text"/>	

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