

SAFETY DATA SHEET

Date Issued : 08/16/2017
 SDS No. : Imperial Pools Good-Bye Metal - No Phos
 Date Revised : 08/30/2019
 Revision No : 1

Good-Bye Metal - No Phos

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Good-Bye Metal - No Phos
GENERAL USE: Metal and Scale Control for Spas

DISTRIBUTOR

Imperial Pools
 33 Wade Road
 Latham, NY 12110
Product Stewardship: (518) 786-1212

24 HR. EMERGENCY TELEPHONE NUMBERS

InfoTrac 24-Hour Emergency #: (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS LABEL

GHS-US Classification - Not Classified

PRECAUTIONARY STATEMENT(S)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P264: Wash ... thoroughly after handling.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P332+P313: If skin irritation occurs: Get medical advice/attention.

POTENTIAL HEALTH EFFECTS

INGESTION: May be harmful if swallowed.

COMMENTS: This product is considered by the supplier to be environmentally safe, nontoxic and nonhazardous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %
Trade Secret	100

COMMENTS: This product is an aqueous solution and is expected to be nonhazardous and nontoxic, according to supplier.

4. FIRST AID MEASURES

EYES: Flush thoroughly with water for 5 minutes and obtain medical attention if irritation occurs.

SKIN: Wash contacted areas with soap and water. Apply emollient skin cream to minimize dryness and seek medical attention if irritation persists.

INGESTION: Drink several glasses of water. Obtain medical attention.

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

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE EFFECTS: Ingestion: With substantial and/or long term ingestion of the as-received product, possible delayed blood clotting, sensitivity to heat, skin itching, increased odor and taste awareness, and liver damage.

CHRONIC EFFECTS: No known effect.

NOTES TO PHYSICIAN: Under normal use and human exposure conditions, this product is considered nontoxic and nonhazardous.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable

EXPLOSION HAZARDS: None.

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FIRE FIGHTING PROCEDURES: Do not release runoff from fire control methods to sewers or waterways.

FIRE FIGHTING EQUIPMENT: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidative decomposition of this product may release toxic fumes of CO, CO₂ and NO_x.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Flush small spills of 5 gallons or less with water to a sanitary sewer.

LARGE SPILL: Dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Use vacuum or absorbent methods to recover bulk of spilled material. Flush residual spilled product to a sanitary sewer.

COMMENTS: Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Do not store with oxidizing materials or at temperatures below freezing or above 110 degrees F. Wear appropriate eye and glove protection to minimize exposure.

HANDLING: Wear appropriate eye and skin protection (gloves) to minimize personal exposure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: In the event of product misting, provide general or local exhaust ventilation systems to minimize airborne concentrations. Local exhaust is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear protective eyeglasses or chemical safety goggles. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

SKIN: Wear chemically protective gloves to prevent prolonged or repeated skin contact.

RESPIRATORY: If product misting occurs, follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSH/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. If respirators are used, OSHA requires a written respiratory protection program that includes at least medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

WORK HYGIENIC PRACTICES: Provide emergency eyewash stations and showers in work area.

OTHER USE PRECAUTIONS: Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from shoes.

COMMENTS: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using toilet, or applying cosmetics. Keep away from children.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None of the ingredients are listed as carcinogens.

pH: 10.3 - 11.4

PERCENT VOLATILE: Not Determined

FLASHPOINT AND METHOD: > (200°F)

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: > (212°F)

FREEZING POINT: < (30°F)

SOLUBILITY IN WATER: Completely soluble.

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EVAPORATION RATE: Not Determined.

DENSITY: 11.8 lbs per gallon

SPECIFIC GRAVITY: 1.41

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID: None other than contact with oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidative decomposition can produce fumes of hydrogen chloride, and oxides of carbon, and nitrogen.

INCOMPATIBLE MATERIALS: Direct contact with oxidizing materials may degrade product activity.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: > 2000 mg/kg (rat)

ORAL LD₅₀: > 2000 mg/kg - Rat

INHALATION LC₅₀: Not Established

GERM CELL MUTAGENICITY: None

CARCINOGENICITY

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

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Biodegradation: Zahn Wellens Test, 89-99%; Anaerobic, 39% Exposure Time: 56 days.

Biological Oxygen Demand (BOD7): 278 mg/g

Chemical Oxygen Demand (COD): 510 mg/g

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 82.6 mg/l (Zebra fish)

48-HOUR EC₅₀: > 84 mg/L (Daphnia Magna)

96-HOUR EC₅₀: > 10000 mg/l (Activated sludge microorganisms)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

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

GENERAL COMMENTS: Thoroughly clean empty containers with water and recycle. Do not use empty containers for food or storage.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated.

AIR (ICAO/IATA)

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SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: None of the ingredients are listed as carcinogens.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not Applicable

REPORTABLE SPILL QUANTITY: None

RCRA STATUS: Not Applicable

OSHA HAZARD COMM. RULE: Not listed

16. OTHER INFORMATION

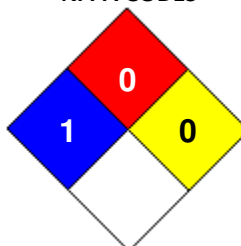
Date Revised: 08/30/2019

REVISION SUMMARY: This SDS replaces the 08/16/2017 SDS. Revised: **Section 1:** 24 HR. EMERGENCY TELEPHONE NUMBERS.

HMIS RATING

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

NFPA CODES



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