

# SAFETY DATA SHEET

Date Issued : 07/25/2022  
SDS No. : Life pHerfect Balance

## Life Spa & Hot Tub Essentials pHerfect Balance

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Life Spa & Hot Tub Essentials pHerfect Balance

**GENERAL USE:** Phosphate Based Buffer

**DISTRIBUTOR**

Alliance Trading, Inc.  
109 North Park Blvd., 4th Floor  
Covington, LA 70433

**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)

**PRECAUTIONARY STATEMENT(S)**

**General:**

8219D4CW: This product is not classified as hazardous according to the Globally Harmonized System.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Monosodium Phosphate Anyhydrous	< 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.

### 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

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**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)

Chemical Name	EXPOSURE LIMITS			
	Type	ppm	mg/m <sup>3</sup>	
Monosodium Phosphate Anhydrous	OSHA PEL	TWA	[1]	[1]
	ACGIH TLV	TWA	[2]	[2]

#### Footnotes:

- 15 mg/m<sup>3</sup> (total dust) 8-hr TWA; 5 mg/m<sup>3</sup> (respirable) 8-hr TWA for Particulates Not Otherwise Regulated
- 10 mg/m<sup>3</sup> (Inhalable) 8 hr TWA; 3 mg/m<sup>3</sup> (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 required 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.

**LOWER EXPLOSION LIMIT:** 0

**UPPER EXPLOSION LIMIT:** 0

**SOLUBILITY IN WATER:** Fully miscible.

**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 TOXICITY

**NOTES:** Monosodium Phosphate Anhydrous:

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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

**RESPIRATORY OR SKIN SENSITISATION:** Not considered to be a contact sensitizer.

### 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.

**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

### AQUATIC TOXICITY (ACUTE)

**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

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

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable 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 HEALTH HAZARDS:** Not listed.

**313 REPORTABLE INGREDIENTS:** No reportable chemicals.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA RQ:** Not Applicable

EPA

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**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.

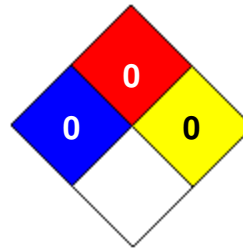
### 16. OTHER INFORMATION

Date Prepared: 07/25/2022

#### HMIS RATING

HEALTH		0
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

#### NFPA CODES



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