



# AccuStandard<sup>®</sup>, Inc.

125 Market St., New Haven, CT 06513 USA

Tel: 203-786-5290 Fax: 203-786-5287

## SAFETY DATA SHEET

### **SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

#### **1.1 - Product Identifiers**

Catalog Name: IC-PO4-10X-1

Description: Anion Standard - Phosphate

#### **1.2 - Relevant Identified Uses of the Substance or Mixture**

Laboratory Chemical Reference Material

#### **1.3 - Supplier Details**

Company: AccuStandard, Inc.

125 Market St.

New Haven, CT 06513 USA

Telephone Number: 203-786-5290

Fax: 203-786-5287

Email: edocs@accustandard.com

#### **1.4 - Emergency Telephone Number**

Emergency Phone #: AccuStandard, Inc.

1-203-502-7070 (USA)

+001-203-502-7070 (International)

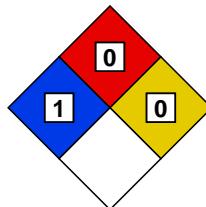
24 hours / 7 days a week

### **SECTION 2 - HAZARDS IDENTIFICATION**

#### **2.1 - GHS Label Elements**



Signal Word: None



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

#### **2.2 - Other Hazards**

##### **2.2.1 - Symptom of Exposure Health/Environment**

Not considered to be a hazardous substance or mixture according to the GHS classification system. Exposure to any chemical should be kept to a minimum. Always follow safe industrial hygiene practices when handling this product.

##### **2.2.2 - Potential Health Effects**

May be irritating to eyes.

May be irritating to skin.

Not expected to be a respiratory hazard based on normal conditions of use.

##### **2.2.3 - Routes of Entry**

Inhalation, ingestion or skin contact.

**SECTION 2 - HAZARDS IDENTIFICATION** - *continued***2.2 - Other Hazards** - *continued***2.2.4 - Carcinogenicity**

This product is or contains a component that is not listed (ACGIH, IARC, NTP, OSHA) as a cancer causing agent.

**SECTION 3 - COMPOSITION / ANALYTES DATA**

Description: Anion Standard - Phosphate

Analyte	CAS #	% Concentration	ACGIH -TLV (mg/m <sup>3</sup> )			OSHA -PEL (mg/m <sup>3</sup> )		
			TWA	STEL	Skin	TWA	STEL	Skin
Potassium phosphate monobasic	7778-77-0	0.143						
Water	7732-18-5	99.857						

**SECTION 4 - FIRST AID MEASURES****4.1 - First Aid Procedures - General**

Get medical assistance for all cases of overexposure.

**4.2 - Eye Contact**

Eye contact: Immediately flush with plenty of water.

**4.3 - Skin Contact**

Skin contact: Wash thoroughly with soap and water.

**4.4 - Inhalation**

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**4.5 - Ingestion**

Ingestion: Not hazardous. First aid is normally not required. Seek medical attention if discomfort occurs.

**SECTION 5 - FIRE FIGHTING MEASURES****5.2 - Extinguishing Media**

Use any extinguishing media suitable for adjacent material.

**5.3 - Protection of Firefighters**

As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****6.1 - Spill Response**

Wear a self-contained breathing apparatus and appropriate Personal protection. Prevent contact with skin or eyes. Ventilate area. Stop leak if you can do so without risk. Absorb on sand or vermiculite, take up and containerize for proper disposal. Flush spill area with water. Comply with Federal, State, and local regulations.

**SECTION 7 - HANDLING AND STORAGE**

Store at controlled room temperature.

Avoid breathing vapors or mists.

**SECTION 7 - HANDLING AND STORAGE** - *continued*

Avoid prolonged or repeated exposure.

**SECTION 8 - EXPOSURE CONTROLS****8.1 - Engineering Controls/PPE**

Wash thoroughly after handling.

**8.2 - General Hygiene Considerations**

Respiratory protection is not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Always use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Protective gloves should be worn to prevent skin contact.

Use eye protection tested and approved under the appropriate government standards such as NIOSH (US) or EN 166 (EU).

All recommendations are advisory only and must be evaluated by an industrial hygienist and/or safety officer familiar with the specific situation of anticipated use, such as concentration and amount of the substance in the workplace. Any recommendation should not be construed as offering an approval for any specific use of the product.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear liquid

Odor: N/A

Odor Threshold: N/A

pH: N/A

Melting Point: 0 °C (32 °F)

Boiling Point: 100 °C (212 °F)

Flash Point: Noncombustible

Evaporation Rate (Butyl Acetate=1): N/A

Flammability Class: N/A

Lower Flammability Level: N/A

Upper Flammability Level: N/A

Vapor Pressure: 17.5 mmHg (20 °C)

Vapor Density (Air = 1): N/A

Specific Gravity: 1.000 g/cm<sup>3</sup>

Solubility in Water: Very soluble

Partition Coefficient: N/A

Autoignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

VOC Content: N/A

Percent Volatile: N/A

**SECTION 10 - STABILITY AND REACTIVITY**

Stability: Stable

Materials to Avoid: None indicated

**SECTION 10 - STABILITY AND REACTIVITY** - *continued*

Hazardous Decomposition: None indicated

Hazardous Polymerization: Will not occur

Condition to Avoid: None indicated

**SECTION 11 - TOXICOLOGICAL INFORMATION****Human Health Toxicity**

See section 2 for specific toxicological information for the ingredients of this product.

LD50 (Oral): N/A

LD50 (Dermal) : N/A

LC50 (Inhalation): N/A

Although there is no specific human health toxicity information available for this product, because it is water based, it is not expected to exhibit toxic properties. Exposure to all chemicals should be kept to a minimum.

No other information related to the toxicological properties of this product is available at this time.

**SECTION 12 - ECOLOGICAL INFORMATION****Environmental Toxicity**

By complying with sections 6 and 7 there should be no release to the environment.

LC50 (Fish): N/A

EC50 (Aquatic Invertebrate): N/A

BCF: N/A

Although there is no specific environmental toxicity information available for this product, it is not expected to be an environmental hazard based on the properties of similar products.

No other information related to the ecological properties of this product is available at this time.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Recycle or incinerate at any EPA approved facility or dispose in compliance with Federal, State and local regulations. Empty containers must be triple-rinsed prior to disposal.

**SECTION 14 - TRANSPORT INFORMATION****Transportation Information (DOT/IATA)**

UN Number: NR

Class: NR

Packing Group: NR

Proper Shipping Name: Not Regulated for Transport

Poison by Inhalation: No

Marine Pollutant: No

**SECTION 15 - REGULATORY INFORMATION**

This product does not contain compounds subject to EU Regulation (EC) No 1907/2006 (REACH) on Annex XIV, Annex XVII, and/or Article 59.

All components are listed on the TSCA Inventory.

**SECTION 15 - REGULATORY INFORMATION** - *continued*

**For laboratory, research and development use only. Not for manufacturing or commercial purposes.**

In addition to federal and state regulations, local regulations may apply. Check with your local regulatory authorities.

**SECTION 16 - OTHER INFORMATION**

This document has been designed to meet the requirements of OSHA, ANSI, GHS and CHIPs regulations. Chemicals are classified using the Globally Harmonized System for Classification and Labeling of Chemicals and CLP Regulation (EC) No. 1272/2008.

The statements contained herein are offered for informational purposes only and are based on technical data that we believe to be accurate. The manufacturer will not assume any liability for the accuracy and completeness of this information. Final determination of the suitability of the material is the responsibility of the user. Although certain hazards are described herein, the user should not presume that these are the only hazards that exist. Since conditions and manner of use are outside of the manufacturers control, we make

**NO WARRANTY OF MERCHANTABILITY, EXPRESSED OR IMPLIED, AND ASSUME NO LIABILITY  
RESULTING FROM ITS USE.**

Legend : N/A = Not Available ND = Not Determined NR = Not Regulated

Alteration of any information contained herein without written permission from the manufacturer is strictly prohibited.

**HMIS/NFPA HAZARD INDEX**

- 0 - Minimal
- 1 - Slight
- 2 - Moderate
- 3 - Serious
- 4 - Severe

\* - Additional Hazard

**GHS HAZARD INDEX**

Category 1 - Most Severe

Category 5 - Least Severe

\*\*\*\* End of Document \*\*\*\*