



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Sodium Phosphate Dibasic USP Dried Powder

30-1329

Section 1: Identification

Product Name Sodium Phosphate Dibasic USP Dried Powder
Commercial Name Not available
Product Use Not available
Restrictions On Use Not available

Product Code 30-1329

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Disodium Phosphate Anhydrous
% By Weight >95
CAS# 7558-79-4
Molecular Weight 141.96
Chemical Formula H Na₂ O₄ P
Synonym(s)

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Disodium Phosphate Anhydrous	7558-79-4	100		Not applicable

Section 4: First-Aid Measures

Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Symptoms/Effects	
Acute	Not available
Delayed	Not available
Immediate Medical Attention	
Treat symptomatically	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media
Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam

Unsuitable Extinguishing Media
Not available.

Products of Combustion
Oxides of phosphorus. Sodium oxides Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes

Firefighters Special Equipment and Precautions
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

Personal Precautions: Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
Environmental Precautions: Should not be released into the environment. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

Section 7: Handling and Storage

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials: Strong oxidizing agents. Strong acids. Strong bases.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Controls	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protection	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Appearance	White powder solid		
Odor	Odorless		
Odor Threshold	Not available		
Melting Point	Not available	pH	8.7-9.3 @ 20°C (5%)
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	Not available	Vapor Density	Not available
Decomposition temperature	Not available	Viscosity	> 240°C
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Not applicable.	Autoignition temperature	Not available
Flammability	Not applicable	Flammability or Explosive Limits:	
		Lower	Not applicable
		Upper	Not applicable
Solubility(ies)	Slightly soluble in water		
Other	Molecular Formula H Na ₂ O ₄ P Molecular Weight 141.96		

Section 10: Stability and Reactivity

Reactivity	None known, based on information available
Chemical Stability	Hygroscopic
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to Avoid	Incompatible products. Excess heat. Exposure to moist air or water.
Incompatible Materials	Strong oxidizing agents, Strong acids, Strong bases
Hazardous Decomposition Products	Oxides of phosphorus, Sodium oxides

Section 11: Toxicological Information

RTECS	WC4500000
Acute Toxicity	
Component: Sodium phosphate dibasic	LD50 Oral: LD50 = 17 g/kg (Rat) LD50 Dermal: Not listed LC50 Inhalation: Not listed
Skin Corrosion/Irritation	
Not available	
Serious Eye Damage/Irritation	
Not available	
Respiratory or Skin Sensitization	
Not available	
Germ Cell Mutagenicity	
Not available	
Carcinogenicity	
Not listed	
Reproductive Toxicity	
Not available	
Routes of Entry	
Not available	
Symptoms Related to Exposure	
Not available	

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Potential Health Effects

Not available

Target Organ(s) Not available**Section 12: Ecological Information****Ecotoxicity**

Do not empty into drains

Persistence and Degradability

Soluble in water Persistence is unlikely based on information available

Bioaccumulative Potential

Not available

Mobility in Soil

Will likely be mobile in the environment due to its water solubility.

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

DOT Not regulated

Section 15: Regulatory Information**Regulations**

United States of America Inventory Component CAS No TSCA TSCA Inventory notification - Active-Inactive TSCA - EPA Regulatory Flags Sodium phosphate dibasic 7558-79-4 X ACTIVE SARA 313 Not applicable SARA 311/312 Hazard Categories See section 2 for more information CWA (Clean Water Act) Component CWA - Hazardous Substances CWA - Reportable Quantities CWA - Toxic Pollutants CWA - Priority Pollutants Sodium phosphate dibasic X 5000 lb - - Clean Air Act Not applicable OSHA - Occupational Safety and Health Administration Not applicable CERCLA This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) Component Hazardous Substances RQs CERCLA EHS RQs Sodium phosphate dibasic 5000 lb - California Proposition 65 This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations Component Massachusetts New Jersey Pennsylvania Illinois Rhode Island Sodium phosphate dibasic X X X - - U.S. Department of Transportation Reportable Quantity (RQ): Y DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security This product does not contain any DHS chemicals

Other

Not available.

Section 16: Other Information



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Health	Fire	Reactivity	Additional Information	Suggested NFPA Rating	1	0	0	Suggested HMIS
Rating	1	0	0	E	E=safety glasses,gloves,dust			

respirator Reason for revision: Revised section 1 and 9. Supersedes MSDS dated:March

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