

Safety Data Sheet

Sodium Phosphate Dibasic, 1% Aqueous

Section 1 - Chemical Product and Company Identification

SDS Name: Sodium Phosphate Dibasic, 1% Aqueous

Catalog Numbers: H-503-3

Company Identification: ROWLEY BIOCHEMICAL
10 ELECTRONICS AVENUE
DANVERS, MA 01923

For information, call: 978-739-4883

Emergency Number: 800-424-9300

For CHEMTREC assistance, call: 800-424-9300

Section 2 - Hazards Identification

GHS Classifications

H303-Acute toxicity, oral: 5

Pictograms or Hazard symbols and Hazard Statement(s):



Signal Word: Warning

Hazard Statements:

H303-May be harmful if swallowed

Precautionary Statements:

P312-Call a Poison Center/doctor/physician if you feel unwell.

Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
7558-79-4	Sodium Phosphate Dibasic Anhydrous	1 w/v
7732-18-5	Water	balance

Section 4 - First Aid Measures

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Dermal Exposure: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical advice.

Oral Exposure: If swallowing seek immediate medical advice.

Inhalation Exposure: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Section 5 - Fire Fighting Measures

Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam.

Flash Point: N/A

Auto ignition Temperature: N/A

Explosion Limits, Lower: N/A

Upper: N/A

NFPA Rating: (estimated) Health: 1; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s):

Wear protective gear. Eliminates all sources of ignition.

Methods for Cleaning up: Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

Section 7 - Handling and Storage

Use care when handling. Wash thoroughly after handling. Store capped at room temperature. Keep away from incompatible materials. Protect from heat. Store in a dry, cool, well-ventilated place.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

Eyes: 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: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear

Odor: Odorless

Vapor Pressure: N/A

Odor threshold: N/A

Vapor Density: N/A

pH: approx. 9.3

Relative density: N/A

Melting point/freezing point: N/A

Solubility: soluble in water

Boiling Point: N/A

Flash point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Partition coefficient: n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, ignition sources, excess heat, oxidizers.

Incompatibilities with Other Materials: Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products: Sodium oxides, Phosphorous oxides

Hazardous Polymerization: Will not occur.

Section 11 - Toxicological Information

RTECS#: N/A

CAS# 7558-79-4: LD-50 Oral 17 g/kg (Rat)

CAS# 7558-79-4 is not listed by the IARC, NTP, ACGIH, or CA Prop 65.

Section 12 - Ecological Information

Ecotoxicity: No information available.

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

Bioaccumulation: No information available.

Section 13 - Disposal Considerations

DISPOSAL: Dispose of in accordance with all federal, state, and local regulations.

Section 14 - Transport Information

DOT

Non-regulated

Section 15 - Regulatory Information

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

Section 16 - Additional Information

SDS Creation Date: 2-15-19

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