



Alkali Scientific

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Safety Data Sheet

Date Updated: 02/05/20

Chemtrec Emergency Phone Number:
(800) 424-9300

Section 1 – Product Information:

Product Name: CellPro™ Sodium Phosphate Buffer, 0.2M, pH 7.2
Catalog Number: DB0222

Section 2 – Hazards Identification

Emergency Overview:

May cause eye irritation. Nonhazardous.

HMIS RATING: (Scale 0-4)

Health: 0 Flammability: 0 Reactivity: 0

NFPA RATING: (Scale 0-4)

Health: 0 Flammability: 0 Reactivity: 0

Section 3 – Composition/ Information on Ingredients:

Hazardous/Non-hazardous Components:

Ingredients	%	CAS #	EINECS#
Sodium Phosphate Monobasic Anhy.	0.640	7558-80-7	231-449-2
Sodium Phosphate Dibasic Anhydrous	2.181	7601-54-9	231-509-8
Water	>50	7732-18-5	231-791-2

Section 4 – First Aid Measures:

Ingestion Exposure:

In case of persistent symptoms consult a doctor.

Inhalation Exposure:

Move to fresh air; consult a doctor in case of symptoms.

Eye Exposure:

Rinse thoroughly with plenty of water. Consult doctor.

Skin Exposure:

Wash off immediately with plenty of soap and water.

Section 5 – Fire Fighting Measures:**Extinguishing Media:**

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

Special Firefighting Procedures:

Wear self-contained breathing apparatus and protective suit.

Flash Point:

No data available.

Section 6 – Accidental Release Measures:**Personal Precautions:**

Use proper protective equipment.

Environmental Precautions:

Dilute with plenty of water. Do not allow undiluted product enter surface and ground water or sewer system.

Method for Cleaning Up:

Absorb with liquid-binding material (sand, vermiculite, acid binders, universal binders, sawdust). Place in proper container.

Section 7 – Handling and Storage:**Handling:**

Wash thoroughly after handling. Use with adequate ventilation.

Storage:

Keep in tightly sealed and properly labeled containers at 15-30C.

Section 8 – Exposure Controls/Personal Protective Equipment (PPE):**Engineering Controls:**

Proper ventilation required. Facilities storing or utilizing this material should be equipped with safety shower and eyewash bath.

Personal Protective Equipment:

In case of insufficient ventilation wear suitable respiratory equipment. Wear protective gloves, safety glasses or goggles with side-shields and appropriate protective clothing.

General Hygiene:

Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical/Chemical Properties:**Appearance:**

Clear colorless liquid.

pH:

7.2 +/- 0.05 @ 20 – 25°C

Water Solubility:

Soluble

Section 10 – Stability and Reactivity:

Stability:

Stable

Materials to Avoid:

Strong oxidizing agents

Hazardous Decomposition Products:

No information available

Hazardous Polymerization:

Hazardous polymerization does not occur.

Section 11 – Toxicological Information:

Eyes:

May cause irritation.

Skin:

May cause irritation.

Ingestion:

May be harmful if swallowed.

Inhalation:

May cause irritation.

Section 12 – Ecological Information:

Ecotoxicity:

May have harmful effects on aquatic life. Do not allow undiluted product or large quantities to flow into surface and ground water or sewer system.

Section 13 – Disposal Considerations:

Waste disposal must be in accordance with federal, state, and local environmental control regulations.

Section 14 – Transport Information:

D.O.T Not regulated as a hazardous material.

IATA Not regulated as a hazardous material.

Section 15 – Regulatory Information:

U.S. FEDERAL REGULATIONS:

SARA 313: This product is not regulated by SARA CAA, Section 112, Hazardous Air Pollutants (HAPs) (40 CFR 61): This product does not contain HAPs.

U.S. STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals listed under proposition 65.

Section 16 – Other Information:

This information is believed to be accurate and represents the best information available to date. Nevertheless, Alkali Scientific does not purport that it is all-inclusive, and it must only be used as a guide. Alkali Scientific makes no warranty nor assumes liability for its usage. Users should make their own investigations to determine the suitability of the product for specific applications.