

MATERIAL SAFETY DATA SHEET

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Date prepared: 02/10/2001
MSDS Number: ACC00115

Product and Company Identification

Product Name: PBST wash buffer, powder and PBS powder
Catalog Number: ACC 00115, PDN 00042

Company: Agdia, Inc
Address: 30380 County Rd 6
Elkhart, IN 46514
USA
Phone: 1-800-622-4342 or
1-574-264-2014

Material / Ingredient Identification

Chemical Name:	CAS Number	Exposure Limits
Potassium phosphate, monobasic	7778-77-0	NA
Potassium chloride	7447-40-7	NA
Sodium Chloride	7647-14-5	NA
Sodium phosphate, dibasic	7558-79-4	NA
Tween 20	9005-64-5	NA

Physical Chemical Characteristics

Boiling Point: NA
Vapor Pressure: NA
Vapor Density: NA
Solubility in Water: NA
Appearance and odor: White powder

Specific Gravity: NA
Melting Point: NA
Evaporation Rate: NA
Water Reactive: No

Fire and Explosion Hazard Data

Flash Point: N/A
Flammability Limits: N/A
Extinguisher Media: Use extinguisher media appropriate to surrounding fire conditions.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.
Unusual Fire and Explosion Hazards: NA

Reactivity Hazard Data

Chemical Stability: Stable X Unstable _____
Conditions To Avoid: N/A
Incompatibility (Materials to avoid): Strong oxidizing agents, strong acids.
Hazardous Decomposition Products: NA
Hazardous Polymerization: May Occur _____ Will Not Occur X
Conditions to Avoid: NA

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Health Hazard Data

Routes of Entry: Inhalation X Ingestion X Skin Absorption X
Carcinogenicity: NTP _____ IARC Monograph _____ OSHA _____ Not Listed X
Health Hazards:
Acute May cause eye and skin irritation. May be harmful by inhalation, ingestion or skin absorption.
Chronic NA
Signs and Symptoms of Exposure: NA.
Medical Conditions Generally Aggravated by Exposure: None known.

First Aid Procedures

Eye Contact: Flush eyes with water for at least 15 minutes.
Skin Contact: Flush skin with water. Remove contaminated clothing and wash before reuse.
Inhalation: Get to fresh air. Get medical attention.
Ingestion: If person is conscious, wash mouth out with water. Get medical attention.
Seek medical assistance for further treatment, observation and support if necessary.

Control and Protective Measures

Respiratory Protection: If respirator is needed, follow OSHA respirator protection standards found in 29CFR1910.134.
Protective Gloves: Chemical resistant gloves.
Eye Protection: Chemical safety goggles.
Ventilation: Good room ventilation is usually adequate.
Other Protective Clothing and Equipment: Wear lab coat or apron.
Hygienic Work Practices: Use good laboratory practices. Wash hands after working with chemical.

Precautions for Safe Handling and Use

Steps to be Taken If Material Is Spilled Or Released: Wear protective clothing including, rubber gloves, rubber boots, chemical safety goggles. Wear appropriate NIOSH-approved respirator (29CFR1910.134). Dike and cover spill with absorbent.

Waste Disposal Methods: Comply with all applicable federal, state and local regulations.

Precautions for Handling and Storage: Do not get in eyes, on skin, or on clothing.

Other Precautions and/or Special Hazards: N/A