

MATERIAL SAFETY DATA SHEET

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Date prepared: 02/10/2001
MSDS Number: ACC00980_00985

Product and Company Identification

Product Name: Indirect sample extraction buffer
Catalog Number: ACC 00980 (powder)
ACC 00985 (10X Concentrate)

Company: Agdia, Inc
Address: 30380 County Rd 6
Elkhart, IN 46514
USA
Phone: 1-800-622-4342 or
1-219-264-2014

Material / Ingredient Identification

Chemical Name:	CAS Number	Exposure Limits
PVP 40	9003-39-8	No data
Sodium bicarbonate	144-55-8	No data
Sodium carbonate	497-19-8	No data
Sodium azide	26628-22-8	0.3 mg/m ³ OSHA

Physical Chemical Characteristics

Boiling Point: NA
Specific Gravity: 1.850 sodium azide
2.159 sodium bicarbonate
2.532 sodium carbonate
Vapor Pressure: NA
Melting Point: 851°C sodium carbonate
Vapor Density: NA
Evaporation Rate: NA
Solubility in Water: NA
Water Reactive: No
Appearance and odor: White powder or clear, colorless liquid

Fire and Explosion Hazard Data

Flash Point: NA
Flammability Limits: NA
Extinguisher Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.
Unusual Fire and Explosion Hazards: Emits toxic fumes under fire conditions.

Reactivity Hazard Data

Chemical Stability: Stable X Unstable _____
Conditions To Avoid: N/A
Incompatibility (Materials to avoid): Strong acids, strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides
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 X (PVP) OSHA _____ Not Listed _____
Health Hazards:
Acute: May be harmful by inhalation, ingestion or skin absorption. May cause eye and skin irritation. May irritate mucous membranes and respiratory tract.
Chronic: PVP is a possible carcinogen.

Signs and Symptoms of Exposure: NA
Medical Conditions Generally Aggravated by Exposure: No data

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.
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: Use in well ventilated area. If respirator is needed, follow OSHA respirator protection standards found in 29CFR1910.134
Protective Gloves: Chemical resistant gloves.
Eye Protection: Chemical safety goggles.
Ventilation: Use adequate general or local exhaust ventilation.
Other Protective Clothing and Equipment: Wear lab coat or apron.
Hygienic Work Practices: Use good laboratory practices. Wash hands after using.

Precautions for Safe Handling and Use

Steps to be Taken If Material Is Spilled Or Released: Wear protective clothing including gloves, dust mask, and chemical safety goggles. Ventilate area. Dike spill and cover with absorbent. Hold for waste disposal. Wash spill site after pick-up is complete.

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

Precautions to Take in Handling and Storage: Do not get In eyes, on skin, or on clothing.
Other Precautions and/or Special Hazards: NA