

MATERIAL SAFETY DATA SHEET

Page 1

Date prepared: 02/10/2001
MSDS Number: ACC00523_00120

Product and Company Identification

Product Name: ECI buffer
Catalog Number: ACC 00523 (5x concentrate)
ACC 00120 (powder)

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
PVP 40	9003-39-8	NA
Sodium azide	26628-22-8	0.3 mg/m ³ OSHA
20X PBST	Refer to MSDS for PBST	NA

Physical Chemical Characteristics

Boiling Point: NA
Vapor Pressure: NA
Vapor Density: NA
Solubility in Water: NA
Appearance and odor: Yellow liquid.

Specific Gravity: Sodium azide 1.850
Melting Point: NA
Evaporation Rate: NA
Water Reactive: N0

Fire and Explosion Hazard Data

Flash Point: N/A
Flammability Limits: NA
Extinguisher Media: Dry chemical, foam or carbon dioxide.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
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 oxidizing agents, acids
Hazardous Decomposition Products: NA
Hazardous Polymerization: May Occur____ Will Not Occur X
Conditions to Avoid: NA

MATERIAL SAFETY DATA SHEET

Page 2

Health Hazard Data

Routes of Entry: Inhalation X Ingestion X Skin Absorption X
Carcinogenicity: NTP____ IARC Monograph____ OSHA____ Not Listed X
Health Hazards:
Acute: Harmful if swallowed. May be harmful by inhalation or skin absorption. Can cause eye and skin irritation.
Chronic: PVP 40 is a possible carcinogen. Sodium azide is a mutagen.

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. 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: 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 gloves, chemical safety goggles and protective clothing. Dike and cover spill with absorbent. Ventilate area and clean spill site.

Waste Disposal Methods: Mix or dissolve with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Comply with all applicable federal, state, and local regulations.

Precautions for Handling and Storage: Do not get in eyes, on skin, or on clothing. Store in a cool, dry place.

Other Precautions and/or Special Hazards: NA

The above information is believed to be correct but is not all inclusive and should be used only as a guide.