

BEB1 Extraction Buffer, Powder

MSDS Number: ACC 00066

Revision Date: 12/08/08

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Agdia, Inc.
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Product Name: BEB1 Extraction Buffer, Powder
Revision Date: 12/08/08
Version: 1.1
MSDS Number: ACC 00066
Chemical Family: Buffer
Chemical Formula: *** PROPRIETARY ***
Product Use: Extraction Buffer

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Ingestion; Skin;
Target Organs:
Inhalation: May cause irritation of the respiratory tract.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: May be harmful if swallowed.

HMIS II-ratings (scale 0-4): Health = 4, Fire = 0, Reactivity = 2

HMIS® Rating H4/F0/PH0

NFPA-ratings (scale 0-4): Health = 4, Fire = 0, Reactivity = 2

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
77861	>1%	Tris Base
57090	>1%	Hexadecyltrimethylammonium bromide
26628228	>0.1%	Sodium azide

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4 FIRST AID MEASURES

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

Skin Contact: Wash with soap and water. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion: Rinse mouth with water. Consult a physician.

5 FIRE FIGHTING MEASURES

Flash Point: Not Applicable
Flash Point Method: Not Applicable
Autoignition Temperature: Not Applicable

Wear self contained breathing apparatus and other protective clothing. Although presenting no special fire hazard in normal use, the material will burn and could contribute to an existing fire. Use appropriate extinguishing agent for surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Avoid dust formation. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7 HANDLING AND STORAGE

Handling Precautions: Refer to Section 8
Storage Requirements: Keep container tightly closed in a well ventilated space. Hygroscopic.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No Special Storage Requirements
Protective Equipment: HMIS PP, C | Goggles, Gloves, Apron
Safety spectacles with unperforated sideshields; Gloves; Choose body protection and/or dust mask according to the amount and concentration of the dangerous substance at the work place; Handle with accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Exposure Guidelines/Other: PEL - None Established
TLV - None Established

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder	Boiling Point:	Not Applicable
Physical State:	Solid	Freezing/Melting Pt.:	Not Applicable
Odor:		Solubility:	Soluble in water
pH:	9.25	Spec Grav./Density:	Not Applicable
Vapor Pressure:	Not Available		
Vapor Density:	Not Available		

Evap. Rate:	Not available
Percent Volatile:	Not Available

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to avoid:	Exposure to moisture.
Materials to avoid (incompatibility):	Oxidizing agents, exposure to metals
Hazardous Decomposition products:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides, hydrogen bromide gas.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects:	Not Known. May cause eye irritaion.
Skin Effects:	Not Known. May be harmful if absorbed through skin.
Accute Inhalation Effects:	Not Known. May cause respiratory tract irritation.
Chronic Effects:	Not Known.
Carcinogenicity:	Not Known.
Mutagenicity:	Not Known.
Teratogenicity:	Not Known.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12 ECOLOGICAL INFORMATION

No data available

13 DISPOSAL CONSIDERATIONS

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

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14 TRANSPORT INFORMATION

Not hazardous product according to these transport classifications.

15 REGULATORY INFORMATION

*Sodium azide (26628228 >0.1%) ACUTERCRA, CERCLA, EHS302, MASS, NJHS, OSHAWAC, PA, SARA313, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

ACUTERCRA = RCRA Acute Hazardous Wastes (P-List)
CERCLA = Superfund clean up substance
EHS302 = Extremely Hazardous Substance
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

16 OTHER INFORMATION

Disclaimer:

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This information is given in good faith and based on our current knowledge of the product.

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END OF MSDS DOCUMENT