

## SEB8 Extraction Buffer, Powder

MSDS Number: ACC 01280

Revision Date: 12/08/08

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Agdia, Inc.  
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**Product Name:** SEB8 Extraction Buffer, Powder  
**Revision Date:** 12/08/08  
**Version:** 1.1  
**MSDS Number:** ACC 01280  
**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 = 2, Fire = 0, Reactivity = 0

HMIS® Rating H2/F0/PH2

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

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
77861	>1%	Tris Base
1185531	>1%	Tris hydrochloride
25322683	>1%	Polyethylene glycols
9005463	>1%	Caseins, sodium complexes

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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

<b>Appearance:</b>	White powder	<b>Boiling Point:</b>	Not Applicable
<b>Physical State:</b>	Solid	<b>Freezing/Melting Pt.:</b>	Not Applicable
<b>Odor:</b>		<b>Solubility:</b>	Soluble in water
<b>pH:</b>	8.0	<b>Spec Grav./Density:</b>	Not Applicable
<b>Vapor Pressure:</b>	Not Available		
<b>Vapor Density:</b>	Not Available		

<b>Evap. Rate:</b>	Not available
<b>Percent Volatile:</b>	Not Available

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under normal conditions.
<b>Conditions to avoid:</b>	Exposure to moisture.
<b>Materials to avoid (incompatibility):</b>	Bases, oxidizing agents.
<b>Hazardous Decomposition products:</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides, hydrogen chloride gas.
<b>Hazardous Polymerization:</b>	Will not occur.

### 11 TOXICOLOGICAL INFORMATION

#### Toxicity Data:

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

OSHA Hazards: Irritant

### 16 OTHER INFORMATION

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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**