

# Material Safety Data Sheet

## Ethyl $\beta$ -D-glucuronide

Catalog Number: 0901-2, 0901-10



**Athena Enzyme Systems™** T (MD): 410-455-6319  
1450 South Rolling Road T (USA): 888-892-8408  
Baltimore, MD 21227 F: 410-455-1155  
USA aesinfo@athenaes.com  
*a division of Athena Environmental Sciences, Inc.*

### 1 - Product and Company Information

**Product Name:** Ethyl  $\beta$ -D-glucuronide  
**Catalog Number:** 0901-2, 0901-10  
**Manufacturer/Supplier:** Aurora Analytics, LLC/ AthenaES™  
**Information Department:** Technical Services  
**Emergency Phone:** 443-543-5799

### 2 - Composition / Data on Components

**Chemical Name:** Ethyl  $\beta$ -D-glucuronide  
**Chemical Formula:**  $C_8H_{14}O_7$   
**CAS#:** 17685-04-0  
**% Weight (Typical)** >95%  
**SARA No.** N/A

### 3 - Hazard Identification

#### Hazard Description:

This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC.

#### HMIS Ratings (Scale: 0 - 4)

Health = 0  
Fire = 0  
Reactivity = 0

### 4 - First Aid Measures

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

#### After eye contact:

Rinse opened eye for at least thirteen minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

Wash out mouth with water provided person is conscious. Call a physician.

#### After Inhaling:

Remove to fresh air. If breathing becomes difficult, call a physician.

### 5 - Fire Fighting Measures

**Suitable extinguishing agents:** Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Protective equipment:** No special measures required.

**Specific Hazards:** Emits toxic fumes in fire conditions.

### 6 - Accidental Release Measures

#### Person-related safety precautions:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

#### Methods for Clean-up:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### 7 - Handling and Storage

**Handling:** Avoid inhalation, Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**Storage:** Store protected from light at 2-8°C in a dry place. Keep tightly closed.

### 8 - Exposure Controls and Personal Protection

#### Engineering Controls:

Avoid prolonged or repeated exposure.

#### Personal Protective Equipment:

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

<b>Breathing equipment:</b>	Wear dust mask
<b>Protection of hands:</b>	Rubber or latex gloves.
<b>Eye protection:</b>	Safety goggles.
<b>Hygiene Practices:</b>	Wash thoroughly after handling

### 9 - Physical and Chemical Properties

<b>Form:</b>	Solid	<b>Molecular Formula:</b>	$C_8H_{14}O_7$
<b>Color:</b>	White	<b>Molecular Weight:</b>	222.19 g/mole
<b>Odor:</b>	N/A		

#### Change in condition:

Melting point/ Melting range: 162-164 °C  
Boiling point/ Boiling range: Not determined.

<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Product is not flammable.
<b>Density:</b>	Not applicable.
<b>Solubility in /Miscibility with:</b>	Water.