

## MATERIAL SAFETY DATA SHEET

Date Printed: 04/22/2009  
Date Updated: 01/29/2006  
Version 1.2

## Section 1 - Product and Company Information

Product Name                    GAMMA-GLU-GLY  
Product Number                G8390  
Brand                            SIGMA  
  
Company                         Sigma-Aldrich Canada, Ltd  
Address                         2149 Winston Park Drive  
                                  Oakville ON L6H 6J8 CA  
Technical Phone:               9058299500  
Fax:                             9058299292  
Emergency Phone:               800-424-9300

## Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
GAMMA-GLU-GLY	1948-29-4	No

Formula                    C7H12N2O5

## Section 3 - Hazards Identification

For additional information on toxicity, please refer to Section 11.

## Section 4 - First Aid Measures

## Section 5 - Fire Fighting Measures

FLASH POINT  
N/A

AUTOIGNITION TEMP  
N/A

FLAMMABILITY  
N/A

## Section 6 - Accidental Release Measures

## Section 7 - Handling and Storage

STORAGE  
Store at -20°C

## Section 8 - Exposure Controls / PPE

## Section 9 - Physical/Chemical Properties

Molecular Weight	204.2 AMU
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
SG/Density	N/A
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp	N/A
Refractive Index	N/A
Optical Rotation	N/A
Miscellaneous Data	N/A
Solubility	N/A

N/A - not available

## Section 10 - Stability and Reactivity

## Section 11 - Toxicological Information

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

## Section 14 - Transport Information

## DOT

Proper Shipping Name: None  
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

## IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

## Section 15 - Regulatory Information

## UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

## CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in

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accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No  
NDSL: No

## Section 16 - Other Information

## DISCLAIMER

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## WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2009 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.