



ALDON CORPORATION

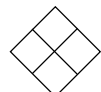
MATERIAL SAFETY DATA SHEET

221 Rochester Street
Avon, New York 14414-9409
(585) 226-6177

MSDS No.: GG0150
Effective Date: January 10, 2007

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Glycine
Chemical Synonyms	Aminoacetic Acid
Formula	H ₂ NCH ₂ CO ₂ H
Unit Size	up to 2.5 Kg.
C.A.S. No.	56-40-6



CHEMTREC
800-424-9300
Day 585-226-6177

Health	1
Fire	1
Reactivity	0

NFPA

HAZARD RATING				
MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE
0	1	2	3	4

HMIS*

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Glycine	100%	None established.
CAUTION! USE IN KEEPING WITH GOOD LABORATORY PRACTICES.		

SECTION III PHYSICAL DATA

Melting Point (°F)	233°C (452°F) dec.	Specific Gravity (H ₂ O = 1)	1.161
Boiling Point (°F)	Decomposes.	Percent Volatile by Volume (%)	Non-volatile (NA).
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (=1)	Non-volatile (NA).
Vapor Density (Air=1)	2.6		
Solubility in Water	25 grams per 100 mL. water at 20°C.		
Appearance & Odor	White crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	Carbon dioxide; dry chemical; water spray.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus with full face piece.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire or excessive heat may produce hazardous decomposition products; can react vigorously with oxidizing materials. May cause a dust explosion if air concentrations are sufficiently high.

SECTION V HEALTH HAZARD DATA

GG0150

Threshold Limited Value

None established. (ACGIH 2001).

Effects of Overexposure

INGESTION: Very low hazard. **EYE CONTACT:** No specific hazard known. May cause transient irritation. **SKIN:** Low hazard for usual laboratory handling. Prolonged or repeated contact may cause dry skin. **INHALATION:** Dust may cause irritation of respiratory tract, coughing, wheezing, respiratory distress and mucous membrane irritation. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.

Emergency and First Aid Procedures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. **EYES:** Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN:** Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	Excessive temperature and heat.
	Stable	X		

Incompatibility (Materials to Avoid)	Strong oxidizing agents. (Sodium hypochlorite, Hypochlorous acid, Nitric acid).
---	---

Hazardous Decomposition Products	Thermal decomposition or burning will produce carbon dioxide and/or carbon monoxide. May produce nitrogen oxides.
---	---

Hazardous Polymerization	Conditions to Avoid	Not applicable.
May Occur		
	X	

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Small spills: Dissolve in water and flush to sewer with copious amounts of water. **Large spills:** Recycle or sweep up and place in a suitable container for incineration.

Waste Disposal Method	Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
------------------------------	--

Dispose of in an approved incinerator equipped with an afterburner and scrubber, or contract with a licensed waste disposal agency.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type)	None needed in normal laboratory handling. If dusty conditions prevail, work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.
--	---

Ventilation	Local Exhaust	If dusty.	Special	No.
	Mechanical (General)	None needed.	Other	No.

Protective Gloves	Rubber.	Eye Protection	Chemical safety glasses.
--------------------------	---------	-----------------------	--------------------------

Other Protective Equipment	Eye wash station, lab coat, ventilation hood, proper gloves.
-----------------------------------	--

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing

Store in a cool, dry place. Wash thoroughly after handling.

Keep container tightly closed when not in use.

Other Precautions	Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.
--------------------------	--

Avoid prolonged or repeated contact with skin. Remove and wash contaminated clothing.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

Revision No. 5	Date 01/10/07	Approved James A. Bertsch	Chemical Safety Coordinator JAB
-----------------------	----------------------	----------------------------------	--

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. * Hazardous Materials Industrial Standards. Printed on recycled paper.