

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-79/79-14-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
79-14-1  
**Code:**  
M

**RTECS:**  
MC5250000  
**Code:**  
M

**Name:**  
GYLCOLIC ACID (HYDROXYACETIC ACID)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/P  
**Code:**

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE SHOULD BE NEEDED

**Ventilation:**  
5 NORMAL ROOM VENTILATION.

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
FACE MASK

**Other Protective Equipment:**  
Equipment NORMAL WORK CLOTHING COVERING ARMS LEGS.

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS UNDATED

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
INHAL:INFLAM,IRRIT; SKIN/EYES:BURNS, INFLAM; INGEST:BURNS, INFLAM

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
INHAL:REMOVE TO FRESH AIR. CONTACT:IMMED FLUSH EYES OR SKIN W/PLENTY OF WATER. INGEST:DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSC. GET MEDICAL ATTN. ANTIDOTE:MILK OF MAGNESIA W/MILK OR RAW EGG WHITES.

**Spill Release Procedures:**  
SM AMT: FLUSH W/LG AMT WATER TO DRAIN. LG AMT: COVER W/SAND & NEUTRALIZE W/ SODA ASH.

**Neutralizing Agent:**  
4 N/P

**Waste Disposal Methods:**  
DILUTE W/ LARGE AMOUNTS OF WATER AND FLUSH TO DRAIN IF IN ACCORDANCE WITH ALL LOCAL, STATE & FED REGULATIONS.

**Handling And Storage Precautions:**  
STORE AWAY FROM ALKALIES IN A COOL WELL VENTILATED AREA.

**Other Precautions:**  
AVOID PROLONGED EXPOSURE TO SKIN.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**

**Upper Limits:**

**Extinguishing Media:**  
NOT APPLICABLE

**Fire Fighting Procedures:**  
NOT APPLICABLE

**Unusual Fire/Explosion Hazard:**  
KEEP OUT OF CONTACT WITH ALKALINE MATERIALS

## Physical/Chemical Properties

**HCC:**  
C1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
230F,110C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/A

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/A

**Vapor Density:**  
N/A

**Volatile Org Content %:**

**Spec Gravity:**  
1.22

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
1.2 WATER=1 6

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
GREEN LIQUID/SWEET ACIDIC ODOR

**Percent Volatiles by Volume:**  
73

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID CONTACT W/ ALKALIES

**Materials To Avoid:**  
AVOID STRONG ALKALI (E.G. NAOH, NH\*40H,ETC.)

**Hazardous Decomposition Products:**  
N/P

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/P

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P