

# MATERIAL SAFETY DATA SHEET

## General Information

Company's Name: The Chemistry Store.com Inc.  
Company's Address: 1133 Walter Price St Cayce, SC 29033  
Company's Emerg Ph #: 1-800-535-5053 (Infotrak)  
Company's Info Ph #: 1-800-224-1430  
Date MSDS Prepared: 2/1/07

**PRODUCT NAME: Glycerin**

## Ingredients/Identity Information

Ingredient: Glycerin NIOSH (RTECS) Number: MA8050000 CAS Number: 56-81-5

## Physical/Chemical Characteristics

Appearance And Odor: VISCOUS WATER WHITE LIQUID. SLIGHTLY SWEET. Boiling Point: 554F, 290C Melting Point: 50.0F, 10.0C Vapor Density (Air=1): GRTR/AIR Specific Gravity: 1.259 (FP N)

## Fire and Explosion Hazard Data

Flash Point: 390F, 199C Extinguishing Media: CARBON DIOXIDE, DRY DRY CHEMICAL, ALCOHOL FOAM, WATER, HALON. Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTECT EQUIPMENT (FP N). KEEP CONTAINERS COOL-MUST BE HOT TO BURN. Unusual Fire And Expl Hazrds: CARBON MONOXIDE, CARBON DIOXIDE, ACROLEIN (A PUNGENT & TOXIC ALDEHYDE)

## Reactivity Data

Stability: YES Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER. Materials To Avoid: INCOMPATIBLE WITH STRONG, CONCENTRATED OXIDIZING AGENTS. Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER. Hazardous Poly Occur: NO

## Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER. Route Of Entry - Inhalation: YES Route Of Entry - Skin: YES Route Of Entry - Ingestion: YES NOT A PRIMARY ENTRY ROUTE. EYE: NOT A PRIMARY ENTRY ROUTE. INGEST: CONSIDERED A FOOD PRODUCT. CHRONIC: NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Explanation Carcinogenicity: NOT RELEVANT. Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER. Emergency/First Aid Proc: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHAL: REMOVE TO FRESH AIR-ARTIFICIAL RESPIRATION IF NECESSARY. SKIN: DISCONTINUE EXPOSURE-RINSE OFF. EYE: FLUSH WITH POTABLE WATER OR STERILE BUFFER. INGEST: REFER TO POISON CONTROL CENTER OR MD. IF CONSCIOUS, DILUTE WITH WATER. IF ANY SYMPTOMS PERSIST CONSULT MD.

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SMALL AMTS MAY BE FLUSHED INTO SANITARY SEWER WITH WATER. LARGE SPILLS: DIKE AREA & RECOVER AS LIQUID OR ABSORB WITH SAND, SAWDUST OR SWEEPING COMPOUND & DISPOSE OF IN AN APPROVED LANDFILL. CERTAIN RELEASES OF ANY SUBSTANCE (ING 2) Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Waste Disposal Method: GLYCERIN IS FOUND IN MANY FOODS, COSMETICS & OTHER HOUSEHOLD PROD. RELEASE TO SANITARY SEWER IN SMALL AMOUNTS IS INHERENT WITH END USE. NO DISPOSAL METHOD SHOULD BE USED WHICH WOULD POSE AN ENVIRONMENTAL/HUMAN HLTH THREAT INCLUDING (ING 3) Precautions-Handling/Storing: KEEP CONTAINERS CLOSED WHEN NOT IN USE. GLYCERIN IS HYGROSCOPIC. Other Precautions: STORAGE TANKS SHOULD BE TOTALLY ENCLOSED EXCEPT FOR SMALL BREATHER PIPE EQUIPPED WITH A DRIER SYSTEM. SPILLS CAN BE VERY SLIPPERY. AVOID OVERHEATING & FREEZING.

## Control Measures

Respiratory Protection: USE NIOSH/MSHA SUPPLIED AIR FOR COMBUSTION PRODUCTS. Ventilation: WHENEVER GLYCERIN/SOLUTIONS PRODUCE MIST. Protective Gloves: IMPERVIOUS GLOVES (FP N). Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N). Other Protective Equipment: PROVIDE NEARBY SAFETY SHOWERS & EYE WASHING (PREFERABLY FULL FACE) FACILITIES WHICH MEET ANSI DESIGN CRITERIA (FP N). Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER. ABSORBS WATER OVER 20% REL HUMIDITY. SOLUBILITY IN WATER: MISCIBLE IN ALL PROPORTIONS.