

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 (Infotrac)
Company's Info Ph #: 1-800-224-1430
Date MSDS Prepared: 2/1/07

PRODUCT NAME: Dipropylene Glycol

Ingredients/Identity Information

Ingredient: Dipropylene Glycol CAS Number: 25265-71-8

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS, ODORLESS LIQUID. BOILING POINT: 232 C (450 F) VAPOR PRESSURE(MM HG): 0.03 MELT-ING POINT: N/A VAPOR DENSITY(AIR=1): 4.63 SPECIFIC GRAVITY: 1.02 EVAPORATION RATE: N/A (H2O=1) (BUTYL ACETATE=1) SOLUBILITY(H2O): COMPLETE (IN ALL PROPORTIONS) % VOLATILES BY VOLUME: 100

Fire and Explosion Hazard Data

FLASH POINT: 121 C (250 F) NFPA 704M RATING: 0-1-0 FIRE EXTINGUISHING MEDIA USE WATER SPRAY, ALCOHOL FOAM, DRY CHEMICAL OR CARBON DIOXIDE. SPECIAL FIRE-FIGHTING PROCEDURES FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE TOXIC GASES PRODUCED CARBON MONOXIDE, CARBON DIOXIDE

Reactivity Data

STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: NONE DOCUMENTED INCOMPATIBLES: STRONG OXIDIZING AGENTS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

Health Hazard Data

TOXICITY: LD50 (ORAL-RAT)(G/KG) - 15 LD50 (IPR-RAT) (G/KG) - 10 LD50 (IV-RAT) (MG/KG) - 5800 EFFECTS OF OVEREXPOSURE LIQUID MAY BE IRRITATING TO SKIN AND EYES. EMERGENCY AND FIRST AID PROCEDURES INGESTION: IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: IF A PERSON BREATHE IN LARGE AMOUNTS, MOVE THE EXPOSED PERSON TO FRESH AIR. EYE CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE WEAR SUITABLE PROTECTIVE CLOTHING. TAKE UP WITH SAND OR OTHER NONCOM- BUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINER FOR LATER DISPOSAL. FLUSH SPILL AREA WITH WATER. DISPOSAL PROCEDURE DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

Control Measures

VENTILATION: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR AND MIST LEVELS AS LOW AS POSSIBLE. RESPIRATORY PROTECTION: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE RESPIRATOR OR DUST MASK. EYE/SKIN PROTECTION: SAFETY GOGGLES, UNIFORM, APRON, PROPER GLOVES ARE RECOMMENDED