

MATERIAL SAFETY DATA SHEET: GLY-SAN

Section I - General Information

(000000-000000- - 9270)

Date of Issue: 1/24/1994 12:00:00 AM
Chemical Name & Synonyms: N/A
Chemical Family: ALCOHOL
Manufacturer Name: CERTIFIED LABS, DIV. OF NCH CORP.
Manufacturer Address: BOX 152170 IRVING, TEXAS 75015
Prepared By: L DEYOUNG/CHEMIST

Supercedes: 9/1/1989 12:00:00 AM
Trade Name & Synonyms: GLY-SAN
Formula is a mixture: [v]

Product Code Number: 9270
Emergency Phone Number: 800-424-9300

Section II - Hazardous Ingredients

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS

Table with 6 columns: Chemical Name (Ingredients), Hazard, TLV, PEL, STEL, CAS #. Rows include ISOPROPYL ALCOHOL, PROPYLENE GLYCOL, and TRIETHYLENE GLYCOL.

Section III - Physical Data

Boiling Point (°F):190
Vapor Pressure (mm Hg):20
Vapor Density (Air=1):2
pH @ 100% :6.0-8.0
% Volatile by Volume:91
H2O Solubility:COMPLETE
Specific Gravity (H2O=1):.950
Color:PINK
Odor:PERFUME ODOR
Clarity:TRANSPARENT
Evaporation Rate (BuAc=1):3.9
Viscosity:NON-VISCOUS

Section IV - Fire and Explosion Hazard

Flash Point: 90°F.
Flammable Limits: ISOPROPYL ALCOHOL
LEL: 2.0
Method Used: T.C.C.
UEL: 12.7
Aerosol Level (NFPA 30B): N/A

Extinguishing Media:
[v] Foam [] Alcohol Foam [v] CO2
[v] Dry Chemical [v] Water Spray [] Other

NFPA 704 Hazard Rating:
4-Extreme Health: 1
3-High Flammability: 3
2-Moderate Instability: 0
1-Slight Special:
0-Insignificant

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Unusual Fire and Explosion Hazards: FLAMMABLE: KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

Section V - Health and Hazard Data

Threshold Limit Value: NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

Acute: (Short Term Exposure) EYES: MAY CAUSE MILD IRRITATION AND REDNESS. SKIN: MAY CAUSE IRRITATION, DRYNESS AND CRACKING. INHALATION: MIST MAY CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES, HEADACHE AND DROWSINESS. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, DROWSINESS, CRAMPS, PAIN, AND LOSS OF CONSCIOUSNESS.

Chronic: (Long Term Exposure) REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE DERMATITIS. TARGET ORGANS: NONE KNOWN.

Primary Routes of Entry
[] Inhalation [] Ingestion [] Absorption

Emergency First Aid Procedures:

Inhalation: REMOVE FROM THE AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.
Eye Contact: RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.
Skin Contact: WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. REMOVE AND CLEAN CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.
Ingestion: GIVE 3 TO 4 GLASSES OF MILK (IF NOT AVAILABLE, GIVE WATER), BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION.
Notes to Physician: N/A

Section VI - Toxicity Information

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Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC NTP OSHA ACGIH Other

ISOPROPYL ALCOHOL TRIETHYLENE GLYCOL
IHL-MUS LCLO: 12800 PPM/3H 3. SKN-RBT 500 MG/24H MILD 3.
ORL-RAT LD50: 5045 MG/KG 4. ORL-HMN LDLO: 5000 MG/KG 3.
SKN-RBT 500 MG MILD 3. ORL-RAT LD50: 17G/KG 4.
SKN-RBT LD50: 12800 MG/KG 4. EYE-RBT 500MG MILD 4.
IHL-RAT LCLO: 16000 PPM/4H 4.
EYE-RBT 100 MG SEVERE 4.
PROPYLENE GLYCOL
ORL-RAT LD50: 20 G/KG 3.
SKN-RBT LD50: 20800 MG/KG 3.
EYE RBT 100 MG/KG MILD 3.
SKN-HMN 500 MG/7D MILD 3.

Section VII - Reactivity Data

Stability

Stable Unstable

Conditions to Avoid:

AVOID HEAT, HOT SURFACES, SPARKS AND OPEN FLAME.

Hazardous Polymerization

Will not occur May occur

Conditions to Avoid:

N/A

Incompatibility (Materials to Avoid):

OXIDIZERS, CONCENTRATED NITRIC AND SULFURIC ACID, ALDEHYDES, HALOGENS, HALOGEN COMPOUNDS, HYDROGEN PEROXIDE, PERCHLORIC ACID.

Hazardous Decomposition Products:

CARBON DIOXIDE AND CARBON MONOXIDE.

Section VIII - Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled:

ELIMINATE SOURCES OF IGNITION. CONTAIN THE SPILL AND ABSORB WITH AN INERT MATERIAL. TRANSFER TO A LABELED CONTAINER FOR PROPER DISPOSAL. AVOID CONTAMINATION OF SEWERS AND WATERWAYS.

Waste Disposal Method(s):

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

Neutralizing Agent:

WATER.

Section IX - Special Protection Information

Required Ventilation:

GENERAL EXHAUST IS ADEQUATE.

Respiratory Protection:

IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED EXPOSURE LIMITS (SEC. II) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Glove Protection:

IMPERVIOUS RUBBER GLOVES IF REPEATED OR PROLONGED SKIN CONTACT IS LIKELY.

Eye Protection:

SAFETY GLASSES IF THE METHOD OF APPLICATION PRESENTS THE LIKELIHOOD OF EYE CONTACT.

Other Protection:

N/A

Section X - Storage and Handling Information

Storage Temperature

Max: 120°F. Min: 32°F.

Storage Conditions

Indoors Outdoors Heated Refrigerated

Precautions to be Taken in Handling and Storing:

STORE AT MODERATE TEMPERATURES IN A CLOSED CONTAINER. AVOID HEAT, HOT SURFACES, SPARKS OR OPEN FLAME. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:

KEEP OUT OF REACH OF CHILDREN. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

Section XI - Regulatory Information

Chemical Name

None.

CAS Number

Upper % Limit

Those Ingredients listed above are subject to the reporting requirements of 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Please call 1-800-527-9919 for additional information if you are a California customer. This MSDS is not intended for users in the state of California.

Section XII - References

1. THRESHOLD LIMIT VALUE FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND BIOLOGICAL EXPOSURE INDICES, ACGIH, 1991-1992.
2. OSHA PEL
3. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, SEVENTH EDITION, N. IRVING SAX AND RICHARD J. LEWIS, SR.
4. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES, MICROMEDEX, INC., VOL 19, 1994.

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