

INSTRUMENTATION LABORATORY INC -- 03315050, PROPYLENE GLYCOL -- 6550-01-251-3754

===== Product Identification =====

Product ID:03315050, PROPYLENE GLYCOL
MSDS Date:04/08/1997
FSC:6550
NIIN:01-251-3754
Status Code:A
MSDS Number: CLRXB
=== Responsible Party ===
Company Name:INSTRUMENTATION LABORATORY INC
Address:113 HARTWELL AVE
City:LEXINGTON
State:MA
ZIP:02173-3125
Country:US
Info Phone Num:617-86
1-0710
Emergency Phone Num:617-861-0710
Resp. Party Other MSDS Num.:PN: 422-200736-12
Preparer's Name:W. WOOD
CAGE:22270

=== Contractor Identification ===
Company Name:INSTRUMENTATION LABORATORY INC
Address:113 HARTWELL AVE
Box:City:LEXINGTON
State:MA
ZIP:02173-3125
Country:US
Phone:617-861-0710
CAGE:22270

===== Composition/Information on Ingredients =====

Ingred Name:PROPYLENE GLYCOL
CAS:00057-55-6
= Wt:100.
Other REC Limits:NOT PROVIDED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:N

ONE ESTABLISHED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50: ORAL (RAT)= 20 GM/KG
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: ACUTE EXPOSURE MAY CAUSE
RESPIRATORY AND THROAT IRRITATION. SKIN: ACUTE AND CHRONIC
EXPOSURE MAY CAUSE IRRITATION, DRYNESS OF SKIN AND DERMATITIS DUE
TO DEFATTING ACTION OF THE LIQUID. EYE: DIRECT CONTACT MAY CAUSE
IRRITATION. CHRONIC EXPOSURE MAY CAUSE
CONJUNCTIVITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NOT PROVIDED
Medical Cond Aggravated by Exposure:NOT PROVIDED

===== First Aid Measures =====

First Aid:INHALATION: REMOVE FROM EXPOSED AREA TO FRESH AIR. IF
BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED
AREA WITH SOAP AND LARGE AMOUNT OF WATER. GET MEDICAL ATTENTION.
EYE: WASH EYE
S IMMEDIATELY WITH LARGE AMOUNT OF WATER. GET MEDICAL
ATTENTION. INGESTION: IF VICTIM IS CONSCIOUS, IMMEDIATELY GIVE
LARGE AMOUNT OF WATER. INDUCE VOMITING. GET MEDICAL ATTENTION
IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point:NOT PROVIDED
Lower Limits:NOT PROVIDED
Upper Limits:NOT PROVIDED
Extinguishing Media:USE DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY AND
FOAM.
Fire Fighting Procedures:NOT PROVIDED
Unusual Fire/Explosion Hazard
:SLIGHT FIRE AND EXPLOSION UNDER NORMAL
CONDITIONS. FLAMMABILITY CLASS (OSHA): IIIB

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT AND APPROVED
RESPIRATORY EQUIPMENT. ABSORB WITH SAND OR OTHER NONCOMBUSTIBLE
ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR DISPOSAL BY
APPROVED METHODS
Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage P

recautions:NOT PROVIDED
Other Precautions:NOT PROVIDED

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT PROVIDED
Ventilation:NOT PROVIDED
Protective Gloves:IMPERVIOUS GLOVES
Eye Protection:SPLASH PROOF GLASSES.
Other Protective Equipment:NORMAL LABORATORY PROTECTIVE CLOTHING
Work Hygienic Practices:NOT PROVIDED
Supplemental Safety and Health
DO NOT WEAR CONTACT LENSES WHEN WORKING WITH THIS CHEMICAL

===== Physical/Chemical Properties
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HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=187.2C, 369.F
Melt/Freeze Pt:=-60.C, -76.F
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NOT PROVIDED
Spec Gravity:1.0
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:NOT PROVIDED
Solubility in Water:MISCIBLE
Appearance and Odor:COLORLESS, HYGROSCOPIC, VISCOUS LIQUID WITH
SLIGHTLY ACID TASTE
Percent Volatiles by Volume:NOT PROVIDED
Corrosion Rate:NOT PROVIDED

===== Stability and Reactivity Data =
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PROPYLENE GLYCOL REACTS VIGOROUSLY WITH OXIDIZING AGENTS
Stability Condition to Avoid:NOT PROVIDED
Hazardous Decomposition Products:WHEN HEATED PROPYLENE GLYCOL
DECOMPOSES TO FORM PEROXIDES AND PROPIONALDEHYDE

===== Toxicological Information =====

Toxicological Information:LDL0 ORAL-RABBIT 20 G/KG. LD50 SKIN-RABBIT:
20.8 G/KG

===== Ecological Information =====

Ecological:NOT PROVIDED

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= Disposal Considerations =====

Waste Disposal Methods:DISPOSE BY APPROVE METHOD.

===== MSDS Transport Information =====

Transport Information:NOT PROVIDED

===== Regulatory Information =====

SARA Title III Information:NOT PROVIDED

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVIDED

===== Other Information =====

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