

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  
-861-0710  
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 TL

V:NONE ESTABLISHED

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===== 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

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===== 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 EYES 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.

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===== 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

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===== 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

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

Handling and Storage

e Precautions: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 =====

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 =====

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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