

ERNST LEITZ CANADA LIMITED -- 9360169 MOUNT,TELESCOPE (M64A1) -- 1240-01-201-8299

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

Product ID:9360169 MOUNT,TELESCOPE (M64A1)

MSDS Date:09/06/1988

FSC:1240

NIIN:01-201-8299

MSDS Number: BQXXK

=== Responsible Party ===

Company Name:ERNST LEITZ CANADA LIMITED

Address:328 ELLEN STREET

City:MIDLAND,ONTARIO,CANADA

Emergency Phone Num:705-526-5401

Preparer's Name:FRANCI

S NEDVIDEK

CAGE:NO198

=== Contractor Identification ===

Company Name:ERNST LEITZ CANADA LIMITED

Address:328 ELLEN STREET

Box:City:MIDLAND,ONTARIO,CANADA

CAGE:NO198

Company Name:U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMND

Box:City:DOVER

State:NJ

ZIP:07801

Country:US

Phone:973-724-4021

CAGE:19200

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

Ingred Name:TRITIUM.200 MILLICURIES MAXIMUM.

CAS:10028-17-8

Fraction by Wt: 95%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT KNOWN

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:RADIATION SICKNESS

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NOT KNOWN

Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:INHALATION:GIVE AIR,NOTIFY A PHYSICIAN.

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

Lower Limits:4.0%

Upper Limits:75%

Extinguishing Media:USE CARBON DIOXIDE,NON-OXIDIZING DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)  
AND FULL TURNOUT GEAR .AVOID INHALATION OF FUMES.

Unusual Fire/Explosion Hazard:IN LARGE QUANTITIES PRESENTS AN EXPLOSION  
HAZARD.

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

Spill Release Procedures:EVACUATE THE AREA FOR 20 MINUTES,VENT  
ILATE THE  
AREA.

Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:STORE IN A VENTILATED AREA.

Other Precautions:AVOID BREAKING THE GLASS CAPSULES.

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

Respiratory Protection:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE  
TO DETERMINE IF RESPIRATORY PROTECTION IS REQUIRED .

Ventilation:GENERAL VENTILATION REQUIRED.

Protective Gloves:YES,IF BRO  
KEN.

Eye Protection:NO

Other Protective Equipment:NOT KNOWN

Work Hygienic Practices:AVOID INHALATION.AVOID SKIN CONTACT IF BROKEN.

Supplemental Safety and Health

CONTRACT # DAAA09-88-C-0328.PHYSICAL PROPERTIES OF TRITIUM:CRITICAL  
TEMP:-232.6C.CRITICAL PRESSURE:18.7 ATM.FREEZING  
POINT:-259.87C.VISCOSITY:5.7 POISES @ 20C.

===== Physical/Chemical Properties =====

HCC:A2

Boiling Pt:B.P. Text:-423F,-253C

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Te

xt:NOT KNOWN  
Vapor Density:0.0695  
Spec Gravity:0.0899(WATER=1)  
Evaporation Rate & Reference:GASEOUS  
Solubility in Water:0.0182 CM3/ML @ 20C  
Appearance and Odor:CLEAR,COLORLESS,ODORLESS GAS IN SEALED GLASS  
CAPSULE.  
Percent Volatiles by Volume:97

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
OXIDIZERS  
Stability Condition to Avoid:FLAMES  
Hazardous Decomposition Products:TRITIATED WATER  
Conditions to Avoid Polymerization:WILL  
NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH  
FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING  
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL  
.NOTIFY THE PROPER AUTHORITIES ,NOTIFY THE MANUFACTURER.

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