

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

=====

=====  
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.

=====

=====  
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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The U

nited States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.