

STOCKER & YALE,INC -- LENSATIC COMPASS -- 6605-01-196-6971

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Product Identification  
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Product ID:LENSATIC COMPASS

MSDS Date:03/12/1990

FSC:6605

NIIN:01-196-6971

MSDS Number: BNPXJ

=== Responsible Party ===

Company Name:STOCKER & YALE,INC

Address:133 BRIMBAL AVENUE

City:BEVERLY

State:MA

ZIP:01915

Country:US

Info Phone Num:508-927-3940

Emergency Phone Num:508-927-3940

CAGE:KO158

=== Contrac

tor Identification ===

Company Name:STOCKER & YALE,INC

Address:RTE 128 AND BRIMBAL AVE

Box:City:BEVERLY

State:MA

ZIP:01915

Country:US

CAGE:KO158

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Phone:508-927-3940

CAGE:90640

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Composition/Information on Ingredients  
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Ingred Name:TRITIUM GAS.NRC LIMIT:5 REMS/YEAR/ADULT,0.5  
REMS/YEAR/PREGANT WOMAN.

CAS:10028-17-8

Other REC Limits:N/K

OSHA PEL:N/K

ACGIH

TLV:N/K

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

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:RADIOACTIVE MATERIAL MAY CAUSE  
CELLULAR DAMAGE.POTENTIALLY HAZARDOUS TO THE RAPIDLY FORMING  
TISSUES OF A FETUS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES/SKIN:N/K .INGESTION/ INHALATION:NONE IN  
THE QUANTITIES THAT IT WO  
ULD BE POSSIBLE TO INGEST OR INHALE.

Medical Cond Aggravated by Exposure:PREGNANCY-POTENTIALLY HAZARDOUS TO  
THE RAPIDLY FORMING TISSUES OF A FETUS.

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES .SKIN:WASH WITH RADIAC SOLUTION,RINSE THOROUGHLY.  
INGESTION:DRINK LARGE QUANTITIES OF WATER.INHALATION:N/K .

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

Fire Fighting Pr

ocedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)  
AND FULL TURNOUT GEAR .

Unusual Fire/Explosion Hazard:SEALED SOURCES CONTAIN TRITIUM GAS UNDER  
PRESSURE.MAY RUPTURE IF SUBJECTED TO EXTREMELY HIGH  
TEMPERATURE,OVER 200F, 93.3C.

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

Spill Release Procedures:VENTILATE AREA IF VIALS ARE BROKEN.WASH  
THOROUGHLY WITH SOAP AND WATER.

Neutralizing Agent:N/K

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

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Handling and Storage Precautions:NORMAL HANDLING AND STORAGE ARE  
SUFFICIENT.

Other Precautions:TRITIUM GAS ENCAPSULATED IN GLASS VIALS UNDER  
PRESSURE AND IS SECURED IN SOURCE.AVOID BREAKING GLASS VIALS.

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

Respiratory Protection:NONE REQUIRED.

Ventilation:LOCAL EXHAUST,HOODED AREA.NEGATIVE ROOM PRESSURE.

Protective Gloves:NOT NEC-LOW ENERGY WILL NOT PENETRATE,

Eye Protection:NOT NECESSARY

Other Protective Equipm

ent:NOT NECESSARY

Work Hygienic Practices:CAREFUL HANDLING.WASH HANDS FREQUENTLY.

Supplemental Safety and Health

MAXIMUM QUANTITY OF TRITIUM PER COMPASS IS 120 MILLICURIES.BODY BURDEN IS DETERMINED THROUGH A URINE BIOASSAY.BURDEN IS MEASURED BY A SCINTILLATION COUNTING SYSTEM SUFFICIENTLY SENSITIVE TO MEAS 100 P ICOCURIES OR LESS OF TRITIUM.

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

HCC:A1

Decomp Temp:Decomp Text:N/K

Vapor Density: