

MARATHON MANAGEMENT CO -- SELF LUMINOUS DEVICE (H3 GAS-FILLED) -- 6645-01-318-9833

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Product Identification  
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Product ID:SELF LUMINOUS DEVICE (H3 GAS-FILLED)

MSDS Date:08/02/1996

FSC:6645

NIIN:01-318-9833

MSDS Number: CCKHS

=== Responsible Party ===

Company Name:MARATHON MANAGEMENT CO

Address:317 BROAD STREET

City:MONTOURSVILLE

State:PA

ZIP:17754

Country:US

Emergency Phone Num:717-368-164

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CAGE:0RUJ8

=== Contractor Identification ===

Company Name:MARATHON MANAGEMENT CO

Address:317 BROAD STREET

Box:City:MONTOURSVILLE

State:PA

ZIP:17754

Country:US

CAGE:0RUJ8

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Composition/Information on Ingredients  
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Ingred Name:TRITIUM, RADIOACTIVE GAS (H3)

Other REC Limits:NONE RECOMMENDED

Ingred Name:PER MSDS: USNRC MPC IN AIR FOR GASEOUS FORMS OF H3 IN  
UNRESTRICTED AREAS=4X10-5 MICROCURIES H3/ML AIR.

Fraction by Wt: NA

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:CONSULT: 1) YOUR SAFETY OFFICER, OR 2) YOUR REGIONAL USNRC OFFICE OR 3) YOUR STATE RADIOLOGICAL HEALTH DEPT.

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Fire Fighting Measures  
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Flash Point:NA  
Autoignition Temp:Autoignition Temp Text:NP  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:CO2, DRY CHEMICAL. AVOID USE OF WATER.  
Fire Fighting Procedures:CONSULT IN ADVANCE:1)YOUR SAFETY OFFICER OR 2)YOUR REGIONAL USNRC OFFICE OR 3)YOUR STATE RADIOLOGICAL HEALTH DEPT.  
Unusual Fire/Explosion Hazard:AVOID INHALATION OF AIR IN IMMEDIATE VICINITY OF FIRE.

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Accidental Release Measures  
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Spill Release Procedures:IMMEDIATE CONTACT: 1) YOUR SAFETY OFFICER OR 2) YOUR REGIONAL USNRC OFFICE OR 3) YOUR STATE RADIOLOGICAL HEALTH DEPT.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Other Precautions:DO NOT DISASSEMBLE.

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Exposure Controls/Personal Protection  
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Ventilation:LOCAL EXHAUST:NORMAL.  
Work Hygienic Practices:NORMAL.  
Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:A2  
Boiling Pt:B.P. Text:NA  
Melt/Freeze Pt:M.P/F.P Text

:NA  
Decomp Temp:Decomp Text:NP  
Vapor Pres:NA  
Vapor Density:NA  
Spec Gravity:NA  
pH:NP  
Viscosity:NP  
Evaporation Rate & Reference:NA  
Solubility in Water:INSOLUBLE  
Appearance and Odor:HERMETICALLY-SEALED,SELF-LUMINOUS TUBE IN  
PROTECTIVE HOUSING; ODORLESS.  
Percent Volatiles by Volume:NP  
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES  
Hazardous Decomposition Products:H3 GAS OR HTO.

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

Waste Disposal Methods:CONTACT 1) MANUFACTURER OR 2) LOW LEVEL RADWASTE  
DISPOSAL BROKER.

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