

Tritium Exit Sign

Best Lighting/Foreverlite Products

-- Tritium (H-3) Exit Sign

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MSDS Safety Information
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FSC: 1240
MSDS Date: 9/22/2006
MSDS Num: BPZMP
NIIN: 01318932
Product ID: Tritium (H-3) Exit Sign
MFN: 02
Responsible Party
Cage: 1RAU2
Name: Best Lighting Products Inc
Address: 6785 Speedway Blvd
Suite: Q108
City: North Las Vegas
State: Nevada
Zip Code: 89115
Info Phone Number: 702-644-2070
Emergency Phone Number: 702-528-0564
Proprietary Ind: N
Published: Y

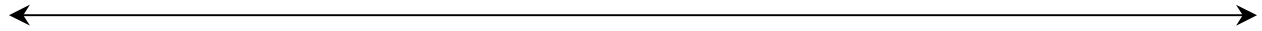
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Contractor Summary
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Cage: 1MCA3
Name: RAD-Ware, Inc
Address: 6461 Plumcrest Road
Box: N/A
City: Las Vegas
State: Nevada
Zip Code: 89108-5309
Phone: 702-645-9313

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Ingredients
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Name: Tritium Gas in Borasilicate Glass Tubes

Tritium Exit Sign



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Health Hazards Data
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LD50 LC50 Mixture: None

Route Of Entry

Inhalation: YES

Skin: YES

Ingestion: YES, if food or drink is contaminated

Carcinogenicity

NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: NONE - Insufficient quantities in signs.

CHRONIC: Carcinogenic ONLY if exposed to high concentration for long exposure.

Explanation of Carcinogenicity: Similar to radon gas would require continuous cloud of exposure.

Signs and Symptoms of Overexposure: NONE

Medical Condition Aggravated by Exposure: NONE

First Aid: All personnel should immediately evacuate the area of a broken sign for 20 minutes as a precaution.

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Handling and Disposal
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Spill Release Procedures: Immediately evacuate personnel from area.

Ventilate area well for 20 minutes. Wear rubber gloves during clean up after breakage. Rinse area under broken tubes with liberal amounts of water.

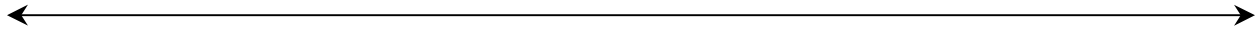
For Disposal: Clean up with surfactant and water. Flush area with water.

Place all material including gloves in sealed containment and return to supplier in sturdy container. Supplier will handle disposal.

Neutralizing Agent: None required.

Waste Disposal Methods: Landban restriction. Return to supplier.

Handling and Storage Precautions: Avoid storing signs where they can be mishandled or badly damaged. Control access to stored signs. NOTE: Signs are resistant to mechanical shock & temperature extremes. Any open food or drink in an area where sign(s) are broken or broken sign(s) are stored should be discarded (no special disposal required). Wash hands thoroughly after disposing of broken sign(s).



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Fire and Explosion Hazard Information
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Flash Point Method: N/A
Flash Point Text: N/A
Extinguishing Media: None Required
Fire Fighting Procedures: Melting temperature of borasilicate glass tubes containing tritium gas in 825°C and this will not release tritium in a fire. If mechanical breakage occurs, ventilate area.
Unusual Fire/Explosion Hazard: None

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Control Measures
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Respiratory Protection: None
Ventilation: Use local exhaust. Open doors and windows for 20 minutes if a sign is broken.
Protective Gloves: Standard
Eye Protection: None required
Other Protective Equipment: None required
Work Hygienic Practices: Work hands thoroughly after disposing of broken sign.
Supplemental Safety and Health: None

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Physical/Chemical Properties
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Vapor Pres: -260.4 @ 20°C
Vapor Density: >1
Spec Gravity: 0.079 (H₂O = 1)
Appearance and Odor: Colorless, Odorless Gas
Percent Volatiles by Volume: N/A

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Reactivity Data
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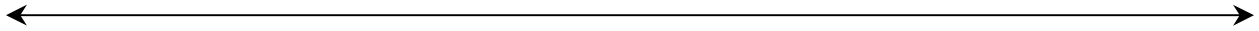
Stability Indicator: STABLE
Stability Condition to Avoid: Breakage of glass tubes containing tritium
Materials to Avoid: NONE
Hazardous Decomposition Products: NONE
Hazardous Polymerization Indicator: WILL NOT OCCUR
Conditions to Avoid Polymerization: N/A

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Toxicological Information
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Ecological Information
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Disposal Options: Return to Manufacturer

Tritium Exit Sign



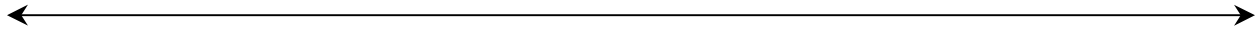
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MSDS Transport Information
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Transportation Action Code: DOT
DOT PSN: MNU
DOT Proper Shipping Name: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED
 QUANTITY OF MATERIAL
DOT Class: 7
DOT ID Number: UN2910
DOT Packing Group: Variable
DOT Label: None Required
N.O.S. Shipping Name: Tritium or H-3 indicated in Bequerels (Curies)

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Regulatory Information
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Other Information
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Tritium Exit Sign



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HAZCOM Label
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Product ID: Tritium (H-3) Exit Sign
Cage: 1RAU2
Company Name: Best Lighting Products Inc
Street: 6785 Speedway Blvd
Suite: Q108
City: North Las Vegas
State: Nevada
Zip Code: 89115
Health Emergency Phone: 702-528-0564
Label Required IND: Y
Date of Label Review: N/A
Status Code: C
Label Date: N/A
Origination Code: G
Chronic Hazard IND: Y, if inhaled
Eye Protection IND: No
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: No
Health Hazard: Slight
Contact Hazard: Moderate
Fire Hazard: None
Reactivity Hazard: None
Hazard and Precautions: Tritium - H-3 in glass tubes. Derived Air
Concentration (DAC): 2×10^{-5} $\mu\text{Ci/ml}$ (10CFR20, App B). Tritium is a
radioactive isotope of hydrogen with a 12.3 yr half-life. It emits weak
Beta (β) radiation which does not penetrate through the walls of the glass
tubes. The material is hazardous only if sufficient quantities are
released into a confined space and inhaled.

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Disclaimer: This is compiled data from a number of reliable sources.
However, neither the manufacturer, nor the manufacturer's agents are
responsible for the misuse or abuse of the information or the products
discussed within.