

NUCLEAR RESEARCH CORPORATION -- THORIUM-232 -- 6665-01-157-3780

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Product Identification  
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Product ID:THORIUM-232  
MSDS Date:01/01/1987  
FSC:6665  
NIIN:01-157-3780  
MSDS Number: BGPHY  
=== Responsible Party ===  
Company Name:NUCLEAR RESEARCH CORPORATION  
Address:125 TITUS AVE  
Box:H  
City:WARRINGTON  
State:PA  
ZIP:18976-2424  
Country:US  
Info Phone Num:(215) 343-5900  
Emergency Phone Num:(215) 343-5900

CAGE:96696  
=== Contractor Identification ===  
Company Name:NUCLEAR RESEARCH CORP  
Address:125 TITUS AVE  
Box:H  
City:WARRINGTON  
State:PA  
ZIP:18976-2424  
Country:US  
CAGE:96696

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Composition/Information on Ingredients  
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Ingred Name:THORIUM-232  
CAS:7440-29-1  
RTECS #:XO6400000

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and

Chronic:INGESTION: HARMFUL. VIRTUALLY NO EFFECTS OF OVER EXPOSURE FROM THIS AMOUNT OF RADIATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: HARMFUL. VIRTUALLY NO EFFECTS OF OVER EXPOSURE FORM THIS AMOUNT OF RADIATION.

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First Aid Measures  
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First Aid:SKIN: WASH AFTER CONTACT W/RADIOACTIVE SOURCE TO REMOVE.  
INGESTION: CALL A DOCTOR.

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Accidental Release Measures  
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Spill Release Procedures:EVACUATE THE SPILLED AREA. MARK RADIOACTIVE AREA & CONTACT REGIONAL NUCLEAR REGULATORY COMMISSION FOR DECONTAMINATION.

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Handling and Storage  
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Handling and Storage Precautions:DON'T TOUCH THE RADIOACTIVE MATERIAL AT THE BOTTOM OF THE CASE & ON END CAP.  
Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE  
Protective Gloves:RECOMMENDED  
Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:A2  
Spec Gravity:11.3  
Appearance and Odor:DARK GREY METAL STRIP W/0.375" LONGX.0375" WIDEX0.010"THK 1 PEICE @0.03 UCI/UNI

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
NONE  
Hazardous Decomposition Products:NONE

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Disposal Considerations  
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Waste Disposal Methods:CONTACT LICENSED RADIOACTIVE WASTE DISPO

SAL  
SERVICE.

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