View NSN Online: https://aerobasegroup.gr/nsn/6665-01-247-7284

OAK RIDGE NATIONAL LABORATORY -- THORIUM-232 -- 6665-01-247-7284

Product ID:THORIUM-232 MSDS Date:01/01/1987 FSC:6665 NIIN:01-247-7284 MSDS Number: CCCGJ === Responsible Party === Company Name: OAK RIDGE NATIONAL LABORATORY **City:OAK RIDGE** State:TN Country:US Info Phone Num:215-343-5900 FAX: 215-343-4670 CAGE:NO290 === Contractor Identification === **Company Name:ATO** MIC ENERGY COMMISSION - OAK RIDGE CAGE:81924 Company Name: NUCLEAR RESEARCH CORP Address:125 TITUS AVE Box:H **City:WARRINGTON** State:PA ZIP:18976-2424 Country:US CAGE:96696 Company Name: OAK RIDGE NATIONAL LABORATORY City:OAK RIDGE State:TN Country:US Phone:215-343-5900 FAX: 215-343-4670 CAGE:NO290

Ingred Name:THORIUM 232 (0.03 MICOCURIES OR 30 NANOCURIES) Other REC Limits:NONE RECOMMENDED

=================== Hazards Identifi

ontion	
Cauon	

Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:ACUTE: SKIN-RADIOACTIVE EXPOSURE OF BARE SKIN CAN RESULT FOR PROLONGED EXPOSURE. INGESTION-RADIOACTIVE EXPOSURE OF INTERNAL ORGANS CAN RESULT FROM INGESTION OF METAL. CHRONIC EFFECTS/CARCINOGENICITY: PROLONGED EXPOSURE CAN BE CARCINOGENIC. Explanation of Carcinogenicity: EXPOSURE TO RADIOACTIVITY OVER EXT ENDED PERIODS OF TIME MAY CAUSE VARIOUS FORMS OF CANCER. Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER. Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER. First Aid:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: GET VICTIM TO PHYSICIAN OR EMERGENCY ROOM IMMEDIATELY. BE SURE AND TELL MEDICAL PERSONNEL THAT POSSIBLE RADIOACTIVITY/RADIATION IS INVOLVED. ================== Fire Fighting Measu res ================================ Flash Point:NONE Lower Limits:NONE Upper Limits:NONE Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: MEDIA APPROPRIATE FOR SURROUNDING FIRE. Fire Fighting Procedures: AS A MINIMUM; RESPIRATORY PROTECTION FOR FIRE FIGHTING OPERATIONS INVOLVING LARGE AMOUNTS OF SOURCE MATERIAL AS THE SMOKE MAY BE RADIOACTIVE. Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER. Spill Release Procedures: MOVE UNDAMAGED PACKAGES FROM THE SPILL AREA. PICK-UP MATERIAL. DECONTAMINATE THE SPILL AREA. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. Handling and Storage Precautions: KEEP IN STORAGE CONTAINER WHEN NOT IN USE. DO NOT TOUCH CHECK SOURCE WITH BARE HAND. Other Precautions:NONE SPECIFIED BY MANUFACTURER. 

**Respiratory Protectio** 

n:NONE NORMALLY REQUIRED.
Ventilation:NONE NORMALLY REQUIRED.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE NORMALLY REQUIRED.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
THIS CHECK SOURCE IS PROVIDED WITH ION CHAMBER, P/N C-7757. THIS ION CHMBER IS FOUND ON RADIACMETER, P/N SM400, NSN 6665-01-157-3780.
REFERENCE DATA/LITERATURE-T.O. 11H4-7-15-1. MFR REP, MR. TERRY SCH WAGER,
16 OCT 1996 STATED THAT THERE ISNO MSDS REQUIRED BUT ONE PROVIDED FOR INFO ONLY.

HCC:A2 Boiling Pt:B.P. Text:8132F,4500C Spec Gravity:18.95 Solubility in Water:INSOLUBLE. Appearance and Odor:THORIUM METAL FOUND IN CHECK SOURCE PROVIDED WITH ION CHAMBER (P/N C-7757).

Stability Indicator/Materials to Avoid:YES AVOID CONTACT WITH CHLORINE, SULFUR, PHO SPHORUS AND CONCENTRATED ACIDS. Stability Condition to Avoid:NONE Hazardous Decomposition Products:NONE Conditions to Avoid Polymerization:WILL NOT OCCUR.

Waste Disposal Methods:DISPOSE OF IAW LOCAL, STATE & FEDERAL ENVIRONMENTAL REGULATIONS (TITLE 10 CFR). DOD PERSONNEL-REMOVE CHECK SOURCE & DISPOSE OF THROUGH YOUR SERVICE LOW LEVEL RADIOACTIVE WASTE SOURCE POC; THEN TURN IN IONIZATION CHAMBER W/O CHECK SOURCE TODRMO.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United 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 particul ar situation.