

CAMECO SPECIALTY METALS DEPT -- URANIUM METAL

MSDS Safety Information

FSC: 1560
NIIN: 00-021-5922
MSDS Date: 05/01/1994
MSDS Num: BTQXS
Product ID: URANIUM METAL
MFN: 01
Responsible Party
Cage: 2C003
Name: CAMECO SPECIALTY METALS DEPT
Address: 1 ELDORADO PL
City: PORT HOPE ON 00000
Country: CA
Info Phone Number: 905-885-4511
Emergency Phone Number: 905-885-4511
Preparer's Name: JOHN S. FRIEDMAN
Review Ind: Y
Published: Y

Contractor Summary

Cage: 2C003
Name: CAMECO SPECIALTY METALS DEPT
Address: 1 ELDORADO PL
City: PORT HOPE ON 00000
Country: CA
Phone: UNKNOWN
Cage: 98897
Name: LOCKHEED CORP LOCKHEED-GEORGIA CO DIV
Address: 86 S COBB DR
City: MARIETTA GA 30063
Phone: 404-494-4411

Item Description Information

Item Manager: S9G
Item Name: WEIGHT,BALANCE,AILERON
Unit of Issue: EA

Ingredients

RTECS #: 1005311UO
Name: URANIUM
% Wt: 100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS NOT DETERMINED.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INHALATION-DUST INHALATION CAN RESULT IN RADIATION DOSE TO LUNGS. KIDNEY DAMAGE CAN OCCUR DUE TO CHEMICAL TOXICITY. SKIN CONTACT-LOW LEVEL RADIATION DOSE CAN RESULT FROM CONTINUED EXPOSURE. EYE CONTACT-IRRITANT. INGESTION-INGESTION CAN RESU LT IN RADIATION DOSE. KIDNEY DAMAGE CAN OCCUR DUE TO CHEMICAL TOXICITY.

Explanation Of Carcinogenicity: NONE SPECIFIED BY MANUFACTURER.  
 Signs And Symptions Of Overexposure: NONE SPECIFIED BY MANUFACTURER.  
 Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.  
 First Aid: INHALATION-REMOVE FORM WORKPLACE TO PREVENT FURTHER EXPOSURE AND  
 SHOWER. SKIN CONTACT-WASH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. EYE  
 CONTACT-FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL AID.  
 INGESTION-REMOVE FRO M WORKPLACE TO PREVENT FURTHER EXPOSURE. GET MEDICAL  
 AID.

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 Handling and Disposal  
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Spill Release Procedures: SIGNIFICANT ONLY IF FINELY DIVIDED. CLEANUP TO  
 MINIMIZE DUSTING. SURVEY FOR APLHA ACTIVITY.  
 Waste Disposal Methods: PLACE IN A SEALABLE CONTAINER (METAL, WOOD, ETC.)  
 Handling And Storage Precautions: STORE AWAY FROM ACIDS. USE LEATHER FACED  
 GLOVES, WASH HANDS AFTER HANDLING BARE METAL. NORMAL INDUSTRIAL HANDLING AND  
 HYGIENE.

Other Precautions: NONE  
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Fire and Explosion Hazard Information  
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Autoignition Temp Text: 800C  
 Extinguishing Media: CLASS D FIRE EXTINGUISHER, DRY SAND OR MAGNESIUMDIFLUORIDE  
 SLAG.  
 Fire Fighting Procedures: FLAMMABLE; BURNS IN AIR AT 150-175C. IGNITES IN  
 OXYGEN AT 170C. FINELY DIVIDED URANIUM METAL IS PYROPHIC. DO NOT USE WATER TO  
 ATTEMPT TO EXTINGUISH FIRE.

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 Control Measures  
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Respiratory Protection: MSA COMFO II CHEMICAL CARTRIDGE RESPIRATOR.  
 Ventilation: ADEQUATE GENERAL AND LOCAL AIR EXHAUST SHOULD BE AVAILABLE.  
 Protective Gloves: LEATHER FACED GLOVES.  
 Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.  
 Other Protective Equipment: LONG SLEEVED COVERALLS, SAFETY BOOTS, HARD HAT.  
 Work Hygienic Practices: NORMAL INDUSTRIAL HYGIENE.  
 Supplemental Safety and Health: RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY  
 (LSA), N.O.S. USE YELLOW RADIOACTIVE II OR III LABELS.

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 Physical/Chemical Properties  
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HCC: A1  
 NRC/State LIC No: UNKNOWN  
 Net Prop WT For Ammo: UNKNOWN  
 B.P. Text: 6904F,3818C  
 M.P/F.P Text: 2070F,1132C  
 Spec Gravity: 19.05  
 Solubility in Water: INSOLUBLE  
 Appearance and Odor: SILVERY-WHITE METAL; SOLID.

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 Reactivity Data  
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Stability Indicator: YES  
 Stability Condition To Avoid: AVOID CONTACT WITH OPEN IGNITION SOURCES.  
 Materials To Avoid: ACIDS; ATTACKED BY COLD WATER IN A FINELY DIVIDED STATE;  
 METAL BECOMES COATED WITH A LAYER OF OXIDE IN AIR.  
 Hazardous Decomposition Products: URANO-URANIC OXIDE POWDER.  
 Hazardous Polymerization Indicator: NO

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 Toxicological Information  
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 Ecological Information  
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 MSDS Transport Information  
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 Regulatory Information  
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 Other Information  
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 Transportation Information  
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Responsible Party Cage: 2C003  
 Trans ID NO: 43871  
 Product ID: URANIUM METAL  
 MSDS Prepared Date: 05/01/1994  
 Review Date: 05/01/1996  
 MFN: 1  
 Radioactivity: 0.113 UCI  
 Form: NORM-SOL  
 Net Unit Weight: UNKNOWN  
 AF MMAC Code: NR  
 Multiple KIT Number: 0  
 Review IND: Y  
 Unit Of Issue: EA

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 Detail DOT Information  
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DOT PSN NO  
 DOT Proper Shipping Name: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-ARTICLES  
 MANUFACTURED FROM NATURAL OR DEPLETED URANIUM OR NAT  
 DOT PSN Modifier: URAL THORIUM  
 Hazard Class: 7  
 UN ID Num: UN2910  
 Label: NONE  
 Packaging Exception: 421-1,424  
 Non Bulk Pack: 422,426  
 Bulk Pack: 422,426  
 Vessel Stow Req: A

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 Detail IMO Information  
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IMO PSN WT  
 IMO Proper Shipping Name: RADIOACTIVE MAT'L, EXCEPTED PKG-ARTICLES MANUF FROM  
 NAT'RL URANIUM OR DEPLETED URAN OR NAT'RL THORIUM  
 IMDG Page Number: 7103  
 UN Number: 2910  
 UN Hazard Class: 7  
 IMO Packaging Group: -  
 Subsidiary Risk Label: \*  
 EMS Number: 7-07  
 MED First Aid Guide NUM: T

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 Detail IATA Information  
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IATA PSN Code: VNZ  
 IATA UN ID Num: 2910  
 IATA Proper Shipping Name: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, ARTICLES  
 MANUFACTURED FROM DEPLETED URANIUM  
 IATA UN Class: 7  
 IATA Label: NONE  
 Packing Note Passenger: SEE 10.5  
 Max Quant Pass: SEE 10.5  
 Exceptions: A78,A98

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 Detail AFI Information  
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AFI PSN Code: VNW

AFI Proper Shipping Name: RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, ARTICLES  
 MANUFACTURED FROM NATURAL OR DEPLETED URANIUM OR NATURAL THORIUM  
 AFI Hazard Class: 7  
 AFI UN ID NUM: UN2910  
 Special Provisions: P5  
 Back Pack Reference: A11.12, A11.16

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 HAZCOM Label  
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Product ID: URANIUM METAL  
 Cage: 2C003  
 Company Name: CAMECO SPECIALTY METALS DEPT  
 Street: 1 ELDORADO PL  
 City: PORT HOPE ON  
 Zipcode: 00000  
 Country: CA  
 Health Emergency Phone: 905-885-4511  
 Label Required IND: Y  
 Date Of Label Review: 06/27/1994  
 Status Code: C  
 Label Date: 06/27/1994  
 Origination Code: F  
 Chronic Hazard IND: Y  
 Eye Protection IND: YES  
 Skin Protection IND: YES  
 Signal Word: WARNING  
 Respiratory Protection IND: YES  
 Health Hazard: Moderate  
 Contact Hazard: Slight  
 Fire Hazard: Slight  
 Reactivity Hazard: None  
 Hazard And Precautions: STORE AWAY FROM ACIDS. USE LEATHER FACED GLOVES, WASH  
 HANDS AFTER HANDLING BARE METAL. NORMAL INDUSTRIAL HANDLING AND HYGIENE. N/A  
 IN CASE OF SPILL: SIGNIFICANT ONLY IF FINELY DIVIDED. CLEANUP TO MINIMIZE  
 DUSTING. SURVEY FOR APLHA ACTIVITY. FIRST AID: INHALATION-REMOVE FORM  
 WORKPLACE TO PREVENT FURTHER EXPOSURE AND SHOWER. SKIN CONTACT-WASH  
 THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. EYE CONTACT-FLUSH THOROUGHLY  
 WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL AID. INGESTIO N-REMOVE FROM  
 WORKPLACE TO PREVENT FURTHER EXPOSURE. GET MEDICAL AID.

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