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M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT: 94239140 DATE ISSUED: 10/25/90
DESCRIPTION: ~~U235~~ ALPHA TRACER IN 5ML 8M HNO3 CONCENTRATION 15700/G
SYNONYM: STANDARDIZED SOLUTION FORMULA: SEE CATALOG

-----PHYSICAL DATA OF SOLUTION-----

BOILING PT: N.E. SPECIFIC GRAVITY: N.E. (H2O=1)
VAPOR PRESSURE: N.E. PERCENT VOLATILE: N/A
VAPOR DENSITY: N.E. (AIR=1) SOLUBILITY IN WATER: INFINITE
APPEARANCE AND ODOR: COLORLESS LIQUID WITH CHARACTERISTIC ODOR

-----HAZARDOUS INGREDIENTS > 1 % (OR 0.1% IF CARCINOGENIC)-----

SECTION FORMAT: MATERIAL | CAS# | TOXICITY DATA | TLV

NITRIC ACID | 7697-37-2 | ORL HMN LOLO=430MG/KG | 2PPM

-----FIRE AND EXPLOSION HAZARD DATA-----

FLASH POINT: N.E. FLAMMABLE LIMITS IN AIR - LEL N.E. UEL N.E.
EXTINGUISHING MEDIA:
WATER SPRAY, CO2, DRY CHEMICAL, FOAM, HALONS
SPECIAL FIREFIGHTING PROCEDURES/UNUSUAL FIRE HAZARDS:
NOT ESTABLISHED

-----HEALTH HAZARD DATA-----

ACUTE EFFECTS OF OVEREXPOSURE:
SKIN/EYE CONTACT: REDNESS, PAIN. INHALATION: HEADACHE,
NAUSEA, DIZZINESS. INGESTION: SORE THROAT, ABDOMINAL
PAIN.
CHRONIC EFFECTS OF OVEREXPOSURE:
NOT ESTABLISHED
EMERGENCY AND FIRST AID PROCEDURE:
SKIN OR EYE CONTACT: WASH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING.
CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. CALL
A PHYSICIAN IF NECESSARY. INGESTION: RINSE MOUTH. DO
NOT INDUCE VOMITING. GIVE COPIOUS AMOUNTS OF WATER TO
DRINK. TRANSPORT TO A PHYSICIAN IMMEDIATELY.

-----REACTIVITY DATA -----

STABILITY:
STABLE
INCOMPATIBILITIES:
NOT APPLICABLE.
HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:

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-----SPILL OR LEAK PROCEDURES-----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
TREAT AS RADIOACTIVE SPILL. DISPOSE SPILLED MATERIAL AS
RADIOACTIVE WASTE.
WASTE DISPOSAL METHOD:
CONSULT LOCAL, STATE AND FEDERAL REGULATIONS ON DISPOSAL
OF RADIOACTIVE WASTE.

-----SPECIAL PROTECTION INFORMATION-----

RESPIRATORY PROTECTION:
NOT NORMALLY REQUIRED FOR ROUTINE USE IF PROPER
VENTILATION IS USED.
VENTILATION:
USE WITH LOCAL AND MECHANICAL EXHAUST.
PROTECTIVE GLOVES NEEDED:
NEOPRENE
NITRILE.
EYE PROTECTION NEEDED:
SAFETY GLASSES/GOGGLES
OTHER PROTECTIVE EQUIPMENT:
LAB COAT.

-----SPECIAL PRECAUTIONS-----

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
USE ONLY WITH ADEQUATE VENTILATION.
AVOID CONTACT WITH EYES, SKIN OR CLOTHING.
AVOID BREATHING VAPOR/DUST.

MATERIAL SAFETY DATA SHEET
STANDARD FORM DISCLAIMER

THE ABOVE INFORMATION IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE
CORRECT, BUT DOES NOT INTEND TO BE ALL-INCLUSIVE AND SHALL BE USED ONLY AS A
GUIDE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS
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