

Amersham Corporation
2636 South Clearbrook Drive
Arlington Heights, Illinois 60005 4692
(708) 593-6300

Amersham Canada Ltd.
1166 South Service Road West
Oakville, Ontario L6L 5T7
(416) 847-1166

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

PAGE 1

Amersham

PRODUCT: 94239140 DATE ISSUED: 10/25/90
DESCRIPTION: ~~PO239~~ 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:

Amersham Corporation

Amersham Canada Ltd.

2636 South Clearbrook Drive
Arlington Heights, Illinois 60005-4692
(708) 593-6300

1166 South Service Road West
Oakville, Ontario L6L 5T7
(416) 847-1166

MATERIAL SAFETY DATA SHEET

PAGE 2

Amersham

PRODUCT: 94239140 DATE ISSUED: 10/25/90

NOT ESTABLISHED

-----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
BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR, WE DO NOT ASSUME ANY
RESPONSIBILITY FOR THE RESULTS OF ITS USE.