



MATERIAL SAFETY DATA SHEET

POTENTIAL HAZARDS – Health: Radiation hazard may be internal due to breathing vapor or contamination of skin, open cuts, etc. Radiation hazard may be external (like x-ray) from contamination on skin or exposure to unshielded material. Prolonged exposure may be a threat to health or life. Effects of radiation may be delayed.

EMERGENCY ACTION – Keep unnecessary people away. Keep upwind, isolate hazard area (at least 50 meters – 164ft.). Wear self contained breathing apparatus and full protective clothing. Delay clean-up until arrival of qualified radiation monitoring assistance.

FIRE – Small Fires: Dry chemical or CO₂ Large Fires: Foam or water. Fight fire from maximum distance. Move undamaged packages from fire area if without risk. DO NOT move damaged packages.

SPILL OR LEAK – Contact your Radiation Safety Offices. Do not touch spilled material or leaking or damaged packages. Small Spills: Take up with sand, earth or other noncombustible absorbent material. Large Spills: Dike for later decontamination and disposal. Do not enter spill area unless absolutely necessary to save life. Limit entries to shortest possible time. Alternate persons for entry if possible.

FIRST AID – Call Physician. Use standard first aid procedures. Remove contaminated clothing and shower with soap and water. Advise rescue personnel and physicians that person or equipment may be radioactively contaminate.

EMERGENCY TELEPHONE: Iso-Tex Diagnostics, Inc. (Shipper) 281-482-1231, Thomas Maloney (President) 281-482-7292, Texas Department of Health (Houston) 713-767-3273, Texas Department of Health (Austin) 512-834-6688, ALSO CALL your local COUNTY SHERIFF or POLICE.

HALF LIFE OF ISOTOPES – I¹²⁵-60days; I¹³¹-8 days; Cr⁵¹-27 days; Y⁹⁰-3 days; Pt^{195m}-4 days; In¹¹¹-3 days; P³²-14 days; Re¹⁸⁸-17 hrs; I¹²³-13 hrs

MEGATOPE I-131

ISO-TEX DIAGNOSTICS

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