^{86}Rb	Nuclide Safet ata Sheet ubidium- 6 www.nchp .org	^{86}Rb

I. PHY ICAL DATA

adiation[a]: eta : 69 keV (9); 1774 keV (91)
Gamma X-ra : 1077 keV (9)

Gamma Con tant[b]: 0.054 mrem/hr per mCi @ 1.0 meter [1.45 E-5 mSv/hr per M q @ 1.0 meter]

Half-Life [T½]: Ph ical T½: [b] 1 .7 da
iological T½:[c] GI: <1da ; Total od : 45 da
Effective T½: GI: 1 da ; Total od : 13 da

Specific Activit [a]: .14 E4 Ci/g [3.01 E15 q/g] max.

II. RADIOLOGICAL DATA

adiotoxicit [d]: 6. 6E-9 Sv/ q (25 mrem/uCi) of [6] b inge ted [bone]; 2.53E-9 effective
3.3E-9 Sv/ q (12 mrem/uCi) of [6] b inhaled [lung]; 4.3E-9 Sv/ q [bone]

Critical Organ: one (inge tion); one urface, Lung (inhaled)

Intake oute : Inge tion, inhalation, puncture, wound, kin contamination (ab orption);

adiological Hazard: External Internal Expo ure; Contamination

III. HIELDING

Photon :	Half Value La er [HVL]	Tenth Value La er [TVL]
Lead [Pb][a]	14 mm (0.02 inche)	41 mm (0.0 inche)

et T

Portab