

**Distribution of Radioactivity in 48 Hours Following Dermal Administration of 5 mg/kg  
[<sup>14</sup>C]1-Butyl-3-methylimidazolium chloride in Ethanol to Male Fischer 344 Rats**

Percent of Dose Recovered in 48 Hours

Sample	% Dose Recovered Mean <sup>a</sup> ± SD
Feces	0.82 ± 1.11
Urine	1.67 ± 1.06
Cage rinse	0.69 ± 0.39
Blood	0.00 ± 0.00
Site of Application and other Tissues <sup>b</sup>	86.07 ± 6.56
Trap	8.81 ± 7.05
<b>Total Recovery</b>	<b>98.07 ± 9.66</b>

<sup>a</sup>N = 3. Cumulative

<sup>b</sup>See table below for other tissues.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg

63.7% Ethanol in water (v/v) vehicle

Percent of Dose Recovered in Tissues at 48 Hours

Sample	% Dose Recovered Mean <sup>c</sup> ± SD
Liver	0.02 ± 0.00
Kidney	0.00 ± 0.00
Application Site Skin	14.61 ± 3.54
Application Site Skin - Washed/Stripped	71.37 ± 3.53
Naïve Site Skin	0.07 ± 0.01
<b>Total Recovery in Tissues</b>	<b>86.07 ± 6.56</b>

<sup>c</sup>N = 3.

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg

63.7% Ethanol in water (v/v) vehicle