

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

Percent of Dose Recovered in 48 Hours

Sample	% Dose Recovered Mean <sup>a</sup> ± SD
Feces	0.47 ± 0.03
Urine	10.09 ± 1.48
Cage rinse	2.17 ± 0.36
Blood	0.00 ± 0.00
Site of Application and other Tissues <sup>b</sup>	73.26 ± 8.63
Trap	3.47 ± 2.90
<b>Total Recovery</b>	<b>89.46 ± 11.68</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% Dimethylformamide 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	18.93 ± 2.90
Application Site Skin - Washed/Stripped	54.25 ± 6.85
Naïve Site Skin	0.05 ± 0.01
<b>Total Recovery in Tissues</b>	<b>73.26 ± 8.63</b>

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

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg

63.7% Dimethylformamide in water (v/v) vehicle