

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

Percent of Dose Recovered in 48 Hours

Sample	% Dose Recovered Mean <sup>a</sup> ± SD
Feces	4.08 ± 1.80
Urine	15.87 ± 3.04
Cage rinse	3.21 ± 0.37
Blood	0.01 ± 0.00
Site of Application and other Tissues <sup>b</sup>	64.21 ± 9.09
Trap	2.43 ± 1.75
<b>Total Recovery</b>	<b>89.82 ± 5.33</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:water (v/v) vehicle

Percent of Dose Recovered in Tissues at 48 Hours

Sample	% Dose Recovered Mean <sup>c</sup> ± SD
Liver	0.02 ± 0.01
Kidney	0.00 ± 0.00
Application Site Skin	11.03 ± 7.49
Application Site Skin - Washed/Stripped	53.09 ± 16.45
Naïve Site Skin	0.07 ± 0.06
<b>Total Recovery in Tissues</b>	<b>64.21 ± 9.09</b>

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

SD = standard deviation.

Rats were maintained on NTP 2000 diet.

100 µCi/kg

63.7% Dimethylformamide:water (v/v) vehicle