Material: 3M Company - T-1585
Sample Received: August 25, 1976
Date of Report: September 16, 1976
Test: Acute Oral Toxicity - Rats
Object of Test: To study the acute oral toxicity in rats of the subject material.
Procedure: One group of 5 male & 5 female albino rats of the Sherman-Wistar strain weighting between 200 and 300 gm were employed in this study. The rats were deprived of food but not water for 24 hours prior to dosing. Each animal was weighed and dosed by direct administration of the experimental material into the stomach by means of a syringe and dosing needle.

The sample was dosed as a 50% w/v suspension in water.

The following dosage level was administered:
1,000 mg/kg.

Following administration the animals were allowed food and water ad libitum for the 14 day observation period during which time the rats were observed for signs of toxicity and mortalities.

Results: See Table I.

Conclusion: The subject material when studied in male and female albino rats has an acute oral LD50 of less than 1,000 mg/kg.

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Director
TABLE 1
Acute Oral Toxicity

Material: 3M Company - T-1585, as a 50% w/v suspension in water.

<table>
<thead>
<tr>
<th>Dosage Level mg/kg</th>
<th>Number of Animals Dosed</th>
<th>Mortalities Days</th>
<th>Total Dead</th>
<th>Total Survived 14 Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000</td>
<td>5 males</td>
<td>2 1 0 0 0 0 0 0 0 0 0 0 3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>5 females</td>
<td>4 0 0 0 0 0 0 0 0 0 0 0 4</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

The LD_{50} is less than 1,000 mg/kg.
The gastric mucosa was eroded.
The animals exhibited signs of writhing at times.

<table>
<thead>
<tr>
<th>Initial Weight gm</th>
<th>Final Weight gm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Males 240</td>
<td>250</td>
</tr>
<tr>
<td>Females 220</td>
<td>220</td>
</tr>
</tbody>
</table>