EXPIRATION DATE: October 31, 1997, or upon completion of one shipment, which ever occurs earlier.

1. GRANTEE: Vulcan Chemicals
   Birmingham, Alabama

2. PURPOSE AND LIMITATION: This emergency exemption authorizes
the one-time transportation in commerce of chlorine in a DOT
Specification 106A500X tank car tank which developed a leak
around one of the product valves. The container is equipped
with an emergency "B-Kit" to prevent leakage during
transportation. This exemption provides no relief from any
regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-
180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR 173.24(b),
173.31(b)(1), (3), 179-300-12(b), 179.300-13 and 179.300-14.

5. BASIS: This emergency exemption is based on the application
of Vulcan Chemicals dated September 16, 1997, submitted in
accordance with 49 CFR 107.117 and a determination that it
is necessary for the protection of life and property.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

<table>
<thead>
<tr>
<th>Hazardous materials description</th>
<th>Hazard Class/ Division</th>
<th>Identification Number</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorine</td>
<td>2.3</td>
<td>UN1017</td>
<td>Hazard Zone B</td>
</tr>
</tbody>
</table>

7. PACKAGING AND SAFETY CONTROL MEASURES:

   a. PACKAGING - Packaging prescribed is a DOT
      Specification 106A500X tank car tank which developed
      leakage around one of the product valves. The tank car
      is equipped with an emergency "B-Kit" to prevent