Table S1. Validation of male occupations and ALS status using a population-based control group (17).

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Population Controls</th>
<th>ALS Cases (age &lt;75)</th>
<th>OR(95%CI)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender restricted to males</td>
<td>94 (100)</td>
<td>169 (100)</td>
<td></td>
</tr>
<tr>
<td>Primary occupation</td>
<td>No</td>
<td>79 (86)</td>
<td>107 (70)</td>
</tr>
<tr>
<td>involving industrial chemicals</td>
<td>Yes</td>
<td>13 (14)</td>
<td>45 (30)</td>
</tr>
</tbody>
</table>

*Adjusted for age and gender.
<table>
<thead>
<tr>
<th>Table S2. Job titles assigned to the occupational categories with industrial chemical exposure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Surface Countertop Installer</td>
</tr>
<tr>
<td>Construction</td>
</tr>
<tr>
<td>Building Contractor</td>
</tr>
<tr>
<td>Carpenter</td>
</tr>
<tr>
<td>Construction</td>
</tr>
<tr>
<td>Contractor</td>
</tr>
<tr>
<td>Construction, renovation</td>
</tr>
<tr>
<td>Home Inspector</td>
</tr>
<tr>
<td>HVC installation</td>
</tr>
<tr>
<td>Machinist</td>
</tr>
<tr>
<td>Factory Worker</td>
</tr>
<tr>
<td>Back Tender in a Paper Mill</td>
</tr>
<tr>
<td>Manufacturing Filters</td>
</tr>
<tr>
<td>Semiconductor Manufacturing</td>
</tr>
<tr>
<td>Sheet Metal Work</td>
</tr>
<tr>
<td>Factory worker</td>
</tr>
<tr>
<td>Mill Worker</td>
</tr>
<tr>
<td>Warehouse Supervisor</td>
</tr>
<tr>
<td>Tool and Die Maker</td>
</tr>
<tr>
<td>Shipping Picker</td>
</tr>
<tr>
<td>Boat Yard Worker</td>
</tr>
<tr>
<td>Tool Maker</td>
</tr>
<tr>
<td>Inspector Timken Aerospace</td>
</tr>
<tr>
<td>Manufacturing Technician</td>
</tr>
<tr>
<td>Stitcher</td>
</tr>
<tr>
<td>Mill Worker</td>
</tr>
<tr>
<td>Paper mill stock room</td>
</tr>
<tr>
<td>Carpentry Shop Supervisor, Bath Iron Works</td>
</tr>
<tr>
<td>Machinist Nickel Plating</td>
</tr>
<tr>
<td>Production Manager</td>
</tr>
<tr>
<td>Boiler Operator</td>
</tr>
<tr>
<td>Electric Boat Manufacturing</td>
</tr>
<tr>
<td>Glass Maker</td>
</tr>
<tr>
<td>Packing Room</td>
</tr>
<tr>
<td>Autobody Repair</td>
</tr>
<tr>
<td>Mechanic</td>
</tr>
<tr>
<td>Small Engine Mechanic</td>
</tr>
<tr>
<td>Industrial Insulation, Coast Guard</td>
</tr>
<tr>
<td>Navy Seal</td>
</tr>
<tr>
<td>Engineer, Merchant Marine</td>
</tr>
<tr>
<td>Parachute Rigger</td>
</tr>
</tbody>
</table>
Military Officer
Merchant Marine
Painter
Griswold Printing
Painter
House Painter