Lignin liquor
Liquid Streptomyces solubles
L-lysine solution
N-Methylglucamine solution
Naphthenic acid, sodium salt solution
Potassium chloride solution
Potassium thiosulfate solution
Rosin soap (disproportionated) solution
Sewage sludge, treated
Sodium alkyl sulfonate solution
Sodium hydrogen sulfite solution
Sodium lignosulfonate solution
Sodium polyacrylate solution
Sodium salt of Ferric hydroxyethylethylenediamine triacetic acid solution
Sodium silicate solution
Sodium sulfide solution
Sodium sulfite solution
Sodium tartrates, Sodium succinates solution
Sulfonated polyacrylate solutions
Tall oil soap (disproportionated) solution
Tetrasodium salt of EDTA solution
Titanium dioxide slurry
Triisopropanolamine salt of 2,4-Dichlorophenoxyacetic acid solution
Urea, Ammonium nitrate solution (not containing Ammonia)
Urea, Ammonium phosphate solution
Urea solution
Vegetable protein solution (hydrolysed)
Water

FOOTNOTES TO TABLE II

Because of very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (CG-ENG–5), Hazardous Materials Division, U.S. Coast Guard, 2100 2nd Street, SW., Stop 7126, Washington, DC 20593–7126. Telephone 202–372–1420; email: hazmatstandards@uscg.mil.

2See Appendix I—Exceptions to the Chart.

APPENDIX I TO PART 150—EXCEPTIONS TO THE CHART

(a) The binary combinations listed below have been tested as prescribed in Appendix III and found not to be dangerously reactive. These combinations are exceptions to the Compatibility Chart (Figure 1) and may be stowed in adjacent tanks.

<table>
<thead>
<tr>
<th>Member of reactive group</th>
<th>Compatible with</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (18)</td>
<td>Diethylenetriamine (7)</td>
</tr>
<tr>
<td>Acetonitrile (15)</td>
<td>Triethanolamine (8)</td>
</tr>
<tr>
<td>1,3-Butadiene glycol (20)</td>
<td>Morpholine (7)</td>
</tr>
<tr>
<td>1,4-Butadiene glycol (20)</td>
<td>Ethylenimine (7)</td>
</tr>
<tr>
<td>gamma-Butyrolactone (0)</td>
<td>Triethanolamine (8)</td>
</tr>
<tr>
<td>Caustic potash, 50% or less</td>
<td></td>
</tr>
<tr>
<td>Caustic soda, 50% or less</td>
<td>Butyl alcohol (20)</td>
</tr>
<tr>
<td>tert-Dodecaneol (0)</td>
<td>tert-Butyl alcohol, Methanol mixtures</td>
</tr>
<tr>
<td>Dodecyl and Tetradecylamine mixture (7)</td>
<td></td>
</tr>
<tr>
<td>Ethylenediamine (7)</td>
<td></td>
</tr>
<tr>
<td>Oleum (0)</td>
<td></td>
</tr>
<tr>
<td>1,2-Propanediol (20)</td>
<td></td>
</tr>
<tr>
<td>Sodium dichromate, 70% (0)</td>
<td></td>
</tr>
<tr>
<td>Sodium hydrosulfite solution (5)</td>
<td></td>
</tr>
</tbody>
</table>
Coast Guard, DHS

(b). The binary combinations listed below have been determined to be dangerously reactive, based on either data obtained in the literature or on laboratory testing which has been carried out in accordance with procedures prescribed in Appendix III. These combinations are exceptions to the Compatibility Chart (Figure 1) and may not be stowed in adjacent tanks.

<table>
<thead>
<tr>
<th>Member of reactive group</th>
<th>Compatible with</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid (2)</td>
<td>Coconut oil (34)</td>
</tr>
<tr>
<td></td>
<td>Coconut oil acid (34)</td>
</tr>
<tr>
<td>Sulfuric acid, 98% or less (2)</td>
<td>Choice white grease tallow (34)</td>
</tr>
</tbody>
</table>

2,4-Dichlorophenoxyacetic acid, Dimethylamine salt solution (0) is not compatible with Groups 1-5, 11, 12, and 16.

Diethylenetriamine (7) is not compatible with 1,2,3-Trichloropropane, Group 36, Halogenated hydrocarbons.

Dimethyl hydrogen phosphite (34) is not compatible with Groups 1 and 4.

Dimethyl napththalene sulfonic acid, sodium salt solution (34) is not compatible with Group 12, Formaldehyde, and strong oxidizing agents.

Dodecylbenzenesulfonic acid (0) is not compatible with oxidizing agents and Groups 1, 2, 3, 5, 6, 7, 8, 9, 15, 16, 18, 19, 30, 34, and 37.

Ethylene diamine (7) and Ethyleneamine EA 1302 (7) are not compatible with either Ethylene dichloride (36) or 1,2,3-Trichloropropane (36).

Ethylene dichloride (36) is not compatible with Ethylenediamine (7) or Ethyleneamine EA 1302 (7).

Ethylidene norbornene (30) is not compatible with Groups 1-3 and 5-8.

2-Ethyl-3-propylacrolein (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.

Ferric hydroxyethylethylenediamine triacetic acid, Sodium salt solution (43) is not compatible with Group 3, Nitric acid.

Magnesium chloride solution (0) is not compatible with Groups 1, 3, 5, 6, 8 and 12.

Mesityl oxide (18) is not compatible with Group 8, Alkanolamines.

Methacrylonitrile (15) is not compatible with Group 5 (Caustics).

Methyl tert-butyl ether (41) is not compatible with Furfural alcohol (20).

NiOX POLYOL APP 240C (0) is not compatible with Group 2, 3, 5, 6, 8 and 12.

Octyl nitrates (all isomers), see Alkyl(C7–C9) nitrates.
Oleum (0) is not compatible with Sulfuric acid (2) and 1,1,1-Trichloroethane (36).

Phthalate based polyester polyol (0) is not compatible with group 2, 3, 5, 7 and 12.

Polyglycerine, Sodium salts solution (20) is not compatible with Groups 1, 4, 11, 16, 17, 19, 21 and 22.

Propylene, Propane, MAPP gas mixture (containing 12% or less MAPP gas) (30) is not compatible with Group 12 (Isocyanates).

Sodium acetate, Glycol, Water mixture (1% or less Sodium hydroxide) (34) is not compatible with Group 12 (Isocyanates).

Sodium hydroxide (56% or less) (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).

Sodium silicate solution (43) is not compatible with Group 12 (Isocyanates).

Sodium polyacrylate solution (43) is not compatible with Group 12 (Isocyanates).

Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.

Sodium dichromate solution (70% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.

Sodium dimethyl naphthalene sulfonate solution (34) is not compatible with Group 12, Formaldehyde and strong oxidizing agents.

Sodium hydroxide sulfate, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).

Sodium hydrosulfide (5) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).

Sodium chlorate solution (50% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.

Sodium dichromate solution (70% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.

Sodium dimethyl naphthalene sulfonate solution (34) is not compatible with Group 12, Formaldehyde and strong oxidizing agents.

Sodium dichromate solution (70% or less) (0) is not compatible with Groups 1-3, 5, 7, 8, 10, 12, 13, 17 and 20.

Sodium dimethyl naphthalene sulfonate solution (34) is not compatible with Group 12, Formaldehyde and strong oxidizing agents.

Sodium hydroxide sulfate, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).

Sodium hydroxide (56% or less) (0) is not compatible with Groups 1-4.

Sulfonated polyacrylate solution (43) is not compatible with Group 5 (Caustics).

Tall oil fatty acid (Resin acids less than 20%) (34) is not compatible with Fish oil (34), or Oleum (0).

Tall oil fatty acid (Resin acids less than 20%) (34) is not compatible with Fish oil (34), or Oleum (0).

Tall oil fatty acid (Resin acids less than 20%) (34) is not compatible with Fish oil (34), or Oleum (0).

Tall oil fatty acid (34) is not compatible with Group 5 (Caustics).

Tetrabutylammonium (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Tetraethylenepentamine (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Tetrabutylammonium (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Tetrabutylammonium (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Triethylenetetramine (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Triethylamine (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.

Triethylamine (7) is not compatible with Carbon tetrachloride, or 1,2,3-Trichloropropane, both Group 36, Halogenated hydrocarbons.