<table>
<thead>
<tr>
<th>Member of reactive group</th>
<th>Compatible with</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lignin liquor</td>
<td></td>
</tr>
<tr>
<td>Liquid Streptomyces solubles</td>
<td></td>
</tr>
<tr>
<td>l-Lysine solution</td>
<td></td>
</tr>
<tr>
<td>N-Methylglucamine solution</td>
<td></td>
</tr>
<tr>
<td>Naphthenic acid, sodium salt solution</td>
<td></td>
</tr>
<tr>
<td>Potassium chloride solution</td>
<td></td>
</tr>
<tr>
<td>Potassium thiosulfate solution</td>
<td></td>
</tr>
<tr>
<td>Rosin soap (disproportionated) solution</td>
<td></td>
</tr>
<tr>
<td>Sodium alkyl sulfonate solution</td>
<td></td>
</tr>
<tr>
<td>Sodium hydrogen sulfite solution</td>
<td></td>
</tr>
<tr>
<td>Sodium lignosulfonate solution</td>
<td></td>
</tr>
<tr>
<td>Sodium polyacrylate solution²</td>
<td></td>
</tr>
<tr>
<td>Sodium salt of Ferric hydroxyethylethylenediamine triacetic acid solution</td>
<td></td>
</tr>
<tr>
<td>Sodium silicate solution²</td>
<td></td>
</tr>
<tr>
<td>Sodium sulfide solution</td>
<td></td>
</tr>
<tr>
<td>Sodium sulfite solution</td>
<td></td>
</tr>
<tr>
<td>Sodium tartrates, Sodium succinates solution</td>
<td></td>
</tr>
<tr>
<td>Sulfonated polyacrylate solutions²</td>
<td></td>
</tr>
<tr>
<td>Tall oil soap (disproportionated) solution</td>
<td></td>
</tr>
<tr>
<td>Tetrasodium salt of EDTA solution</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide slurry</td>
<td></td>
</tr>
<tr>
<td>Trisopropylamine salt of 2,4-Dichlorophenoxyacetic acid solution</td>
<td></td>
</tr>
<tr>
<td>Urea, Ammonium nitrate solution (not containing Ammonia)</td>
<td></td>
</tr>
<tr>
<td>Urea, Ammonium phosphate solution</td>
<td></td>
</tr>
<tr>
<td>Vegetable protein solution (hydrolysed)</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td></td>
</tr>
</tbody>
</table>

FOOTNOTES TO TABLE II

1 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 (G-MSO), U.S. Coast Guard, 2100 Second Street, SW., Washington, DC 20593–0001. Telephone (202) 574–1250.

2 See Appendix I—Exceptions to the Chart.

[CGD 88–100, 54 FR 40012, Sept. 29, 1989]
(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.

- Acetone cyanohydrin (0) is not compatible with Groups 1-12, 16, 17, and 22.
- Acrolein (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.
- Acrylic acid (4) is not compatible with Group 9, Aromatic Amines.
- Acrylonitrile (15) is not compatible with Group 5 (Caustics).
- Alkylbenzenesulfonic acid (0) is not compatible with Groups 1-3, 5-9, 15, 16, 18, 30, 34, 37, and strong oxidizers.
- Allyl alcohol (15) is not compatible with Group 12, Isocyanates.
- Alkyl(C7–C9) nitrates (34) are not compatible with Group 1, Non-Oxidizing Mineral Acids.
- Aluminum sulfate solution (43) is not compatible with Groups 5-11.
- Ammonium bisulfite solution (43) is not compatible with Groups 1, 3, 4, and 5.
- Benzenesulfonyl chloride (0) is not compatible with Groups 5-7, and 43.
- 1,4-Butylene glycol (20) is not compatible with Caustic soda solution, 50% or less (5), gamma-Butyrolactone (0) is not compatible with Groups 1-9.
- C9 Resinfeed (DSM) (32) is not compatible with Group 2, Sulfuric acid.
- Carbon tetrachloride (36) is not compatible with Tetrathylpentamine or Triethylene tetramine, both Group 7, Aliphatic amines.
- Catoxid feedstock (36) is not compatible with Group 1, 2, 3, 4, 5, or 12.
- Caustic soda solution, 50% or less (5) is not compatible with 1,4-Butylene glycol (20).
- 1,4-Chlorophenyl)-4,4-dimethyl pentan-3-one (18) is not compatible with Group 5 (Caustics) or 10 (Amides).
- Crotonaldehyde (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.
- Cyclohexanone, Cyclohexanol mixture (18) is not compatible with Group 12, Isocyanates.
- 2,4-Dichlorophenoxyacetic acid, Dimethylamine salt solution (9) is not compatible with Groups 1-5, 11, 12, and 16.
- Diethylene triamine (7) is not compatible with 1,2,3-Trichloropropane, Group 38, Halogenated hydrocarbons.
- Dimethyl hydrogen phosphite (34) is not compatible with Groups 1 and 4.
- Dimethyl naphtalene 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, 30, 34, and 37.
- Ethylendiamine (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 Ethylendiamine (7) or Ethyleneamine EA 1302 (7).
- Ethylidene norbornene (30) is not compatible with Groups 1-3 and 5-8.
- 2-Ethyl-3-propylacetone (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.
- Ethyl tert-butyl ether (41) is not compatible with Group 1, Non-oxidizing mineral acids.
- Ferric hydroxyethylendiamine triacetate, Sodium salt solution (43) is not compatible with Group 3, Nitric acid.
- Fish oil (34) is not compatible with Sulfuric acid (2).
- Formaldehyde (over 50%) in Methyl alcohol (over 30%) (19) is not compatible with Group 12, Isocyanates.
- Formic acid (4) is not compatible with Furfural alcohol (20).
- Furfuryl alcohol (20) is not compatible with Group 1, Non-Oxidizing Mineral Acids and Formic acid (4).
- 2-Hydroxyethyl acrylate (14) is not compatible with Group 5, 6, or 12.
- Isophorone (18) is not compatible with Group 8, Alkanolamines.
- Magnesium chloride solution (0) is not compatible with Groups 2, 3, 5, 6 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 Group 1, Non-oxidizing Mineral Acids.
- NIAX POLYOL APP 240C (0) is not compatible with Group 2, Sulfuric acid.
- 2,4-Dichlorophenoxyacetic acid, Dimethylamine salt solution (9) is not compatible with Groups 1-5, 11, 12, and 16.
- Diethylene triamine (7) is not compatible with 1,2,3-Trichloropropane, Group 38, Halogenated hydrocarbons.
- Dimethyl hydrogen phosphite (34) is not compatible with Groups 1 and 4.
- Dimethyl naphtalene 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, 30, 34, and 37.
- Ethylendiamine (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 Ethylendiamine (7) or Ethyleneamine EA 1302 (7).
- Ethylidene norbornene (30) is not compatible with Groups 1-3 and 5-8.
- 2-Ethyl-3-propylacetone (19) is not compatible with Group 1, Non-Oxidizing Mineral Acids.
- Ethyl tert-butyl ether (41) is not compatible with Group 1, Non-oxidizing mineral acids.
- Ferric hydroxyethylendiamine triacetate, Sodium salt solution (43) is not compatible with Group 3, Nitric acid.
- Fish oil (34) is not compatible with Sulfuric acid (2).
- Formaldehyde (over 50%) in Methyl alcohol (over 30%) (19) is not compatible with Group 12, Isocyanates.
- Formic acid (4) is not compatible with Furfural alcohol (20).
- Furfuryl alcohol (20) is not compatible with Group 1, Non-Oxidizing Mineral Acids and Formic acid (4).
- 2-Hydroxyethyl acrylate (14) is not compatible with Group 5, 6, or 12.
- Isophorone (18) is not compatible with Group 8, Alkanolamines.
- Magnesium chloride solution (0) is not compatible with Groups 2, 3, 5, 6 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 Group 1, Non-oxidizing Mineral Acids.
- NIAX POLYOL APP 240C (0) is not compatible with Group 2, Sulfuric acid.
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 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 hydrogen sulfide, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).
Sodium hydrosulfide (5) is not compatible with Group 5, Caustics.
Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1 and 4.
Sodium polyacrylate solution (43) is not compatible with Group 5, Caustics.
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 hydrogen sulfide, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).
Sodium hydrosulfide (5) is not compatible with Group 5, Caustics.
Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1 and 4.
Sodium polyacrylate solution (43) is not compatible with Group 5, Caustics.
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 hydrogen sulfide, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).
Sodium hydrosulfide (5) is not compatible with Group 5, Caustics.
Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1 and 4.
Sodium polyacrylate solution (43) is not compatible with Group 5, Caustics.
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 hydrogen sulfide, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).
Sodium hydrosulfide (5) is not compatible with Group 5, Caustics.
Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1 and 4.
Sodium polyacrylate solution (43) is not compatible with Group 5, Caustics.
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 hydrogen sulfide, Sodium carbonate solution (0) is not compatible with Groups 6 (Ammonia) and 7 (Aliphatic amines).
Sodium hydrosulfide (5) is not compatible with Group 5, Caustics.
Sodium hydrogen sulfide, Ammonium sulfide solution (0) is not compatible with Groups 1 and 4.