

| Chemicals | 4155 | 4165 | 4175 | 4180 | 4190 | 4139D | 4149D |
|---|--------|--------|--------|--------|--------|--------|--------|
| Water at 100 degrees Celsius | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Sea water | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Zinc chloride 10% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Sodium chloride 15% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Hydrochloric acid 10% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Potassium hydroxide 10% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Sodium hydroxide 50% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Sulphuric acid 98% | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Acetic acid | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Acrylonitrile | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Aniline | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| n-Butyl acetate | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Diethylether | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Ethanol | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Glycerol | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| n-Hexane | 2 of 6 | 2 of 6 | 2 of 6 | 2 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Methanol | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Methylethylketone | 2 of 6 | 2 of 6 | 2 of 6 | 2 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Nitrobenzene | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| 1-Propanol | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Oil (ASTM-1) at 100 degrees Celsius | 3 of 6 | 3 of 6 | 2 of 6 | 2 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Oil (ASTM-2) at degrees Celsius | 5 of 6 | 4 of 6 | 3 of 6 | 3 of 6 | 2 of 6 | 1 of 6 | 1 of 6 |
| Oil (ASTM-3) at degrees Celsius | 5 of 6 | 4 of 6 | 4 of 6 | 3 of 6 | 2 of 6 | 2 of 6 | 1 of 6 |
| Reference Fuel B (Isooctane/Toluene, 70/30) | 4 of 6 | 3 of 6 | 3 of 6 | 2 of 6 | 2 of 6 | 2 of 6 | 1 of 6 |
| Reference Fuel C (Isooctane/Toluene, 50/50) | 4 of 6 | 3 of 6 | 3 of 6 | 2 of 6 | 2 of 6 | 2 of 6 | 1 of 6 |
| Hydraulic brake fluid | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Hydraulic brake fluid at 100 degrees Celsius | 2 of 6 | 2 of 6 | 2 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |
| Antifreeze (Ethylene glycol/water 50/50) at 125 degrees Celsius | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 | 1 of 6 |

Volume Swell:

- 1 of 6 <20%
- 2 of 6 20-40%
- 3 of 6 40-60%
- 4 of 6 60-80%
- 5 of 6 80-100%
- 6 of 6 >100%

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