

## Solvay Chemicals E9000 Chloroform

Category : Fluid , Solvent

### Material Notes:

Chloroform is a non-flammable product.EINECS Number: 200-663-8/CAS Number: 67-66-3/UN number: 1888Information provided by Solvay

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Chemicals-E9000-Chloroform.php](http://www.lookpolymers.com/polymer_Solvay-Chemicals-E9000-Chloroform.php)

| Physical Properties | Metric                | English                              | Comments |
|---------------------|-----------------------|--------------------------------------|----------|
| Density             | 1.474 - 1.479 g/cc    | 0.05325 - 0.05343 lb/in <sup>3</sup> |          |
|                     | 1.415 g/cc            | 0.05112 lb/in <sup>3</sup>           |          |
|                     | @Temperature 60.0 Â°C | @Temperature 140 Â°F                 |          |
|                     | 1.434 g/cc            | 0.05181 lb/in <sup>3</sup>           |          |
|                     | @Temperature 50.0 Â°C | @Temperature 122 Â°F                 |          |
|                     | 1.452 g/cc            | 0.05246 lb/in <sup>3</sup>           |          |
|                     | @Temperature 40.0 Â°C | @Temperature 104 Â°F                 |          |
|                     | 1.461 g/cc            | 0.05278 lb/in <sup>3</sup>           |          |
|                     | @Temperature 35.0 Â°C | @Temperature 95.0 Â°F                |          |
|                     | 1.471 g/cc            | 0.05314 lb/in <sup>3</sup>           |          |
|                     | @Temperature 30.0 Â°C | @Temperature 86.0 Â°F                |          |
|                     | 1.48 g/cc             | 0.0535 lb/in <sup>3</sup>            |          |
|                     | @Temperature 25.0 Â°C | @Temperature 77.0 Â°F                |          |
|                     | 1.489 g/cc            | 0.05379 lb/in <sup>3</sup>           |          |
|                     | @Temperature 20.0 Â°C | @Temperature 68.0 Â°F                |          |
|                     | 1.498 g/cc            | 0.05412 lb/in <sup>3</sup>           |          |
|                     | @Temperature 15.0 Â°C | @Temperature 59.0 Â°F                |          |
|                     | 1.508 g/cc            | 0.05448 lb/in <sup>3</sup>           |          |
|                     | @Temperature 10.0 Â°C | @Temperature 50.0 Â°F                |          |
|                     |                       |                                      |          |
|                     |                       |                                      |          |

| Physical Properties | Metric                    | English                    | Comments |
|---------------------|---------------------------|----------------------------|----------|
|                     | g/cc                      | lb/in <sup>3</sup>         |          |
|                     | @Temperature 5.00<br>Â°C  | @Temperature 41.0 Â°F      |          |
|                     | 1.526 g/cc                | 0.05513 lb/in <sup>3</sup> |          |
|                     | @Temperature 0.000<br>Â°C | @Temperature 32.0 Â°F      |          |
| Viscosity           | 0.40 cP                   | 0.40 cP                    | Dynamic  |
|                     | @Temperature 60.0<br>Â°C  | @Temperature 140 Â°F       |          |
|                     | 0.43 cP                   | 0.43 cP                    | Dynamic  |
|                     | @Temperature 50.0<br>Â°C  | @Temperature 122 Â°F       |          |
|                     | 0.47 cP                   | 0.47 cP                    | Dynamic  |
|                     | @Temperature 40.0<br>Â°C  | @Temperature 104 Â°F       |          |
|                     | 0.49 cP                   | 0.49 cP                    | Dynamic  |
|                     | @Temperature 35.0<br>Â°C  | @Temperature 95.0 Â°F      |          |
|                     | 0.51 cP                   | 0.51 cP                    | Dynamic  |
|                     | @Temperature 30.0<br>Â°C  | @Temperature 86.0 Â°F      |          |
|                     | 0.54 cP                   | 0.54 cP                    | Dynamic  |
|                     | @Temperature 25.0<br>Â°C  | @Temperature 77.0 Â°F      |          |
|                     | 0.57 cP                   | 0.57 cP                    | Dynamic  |
|                     | @Temperature 20.0<br>Â°C  | @Temperature 68.0 Â°F      |          |
|                     | 0.60 cP                   | 0.60 cP                    | Dynamic  |
|                     | @Temperature 15.0<br>Â°C  | @Temperature 59.0 Â°F      |          |
|                     | 0.63 cP                   | 0.63 cP                    | Dynamic  |
|                     | @Temperature 10.0<br>Â°C  | @Temperature 50.0 Â°F      |          |
|                     | 0.67 cP                   | 0.67 cP                    | Dynamic  |
|                     | @Temperature 5.00<br>Â°C  | @Temperature 41.0 Â°F      |          |
|                     | 0.71 cP                   | 0.71 cP                    |          |

| Physical Properties | Metric<br>@Temperature 0.000<br>Â°C | English<br>@Temperature 32.0 Â°F | Dynamic<br>Comments |
|---------------------|-------------------------------------|----------------------------------|---------------------|
| Molecular Weight    | 119.4 g/mol                         | 119.4 g/mol                      |                     |
| Vapor Pressure      | 0.0780 bar                          | 58.5 torr                        |                     |
|                     | @Temperature 0.000<br>Â°C           | @Temperature 32.0 Â°F            |                     |
|                     | 0.101 bar                           | 75.8 torr                        |                     |
|                     | @Temperature 5.00<br>Â°C            | @Temperature 41.0 Â°F            |                     |
|                     | 0.130 bar                           | 97.5 torr                        |                     |
|                     | @Temperature 10.0<br>Â°C            | @Temperature 50.0 Â°F            |                     |
|                     | 0.165 bar                           | 124 torr                         |                     |
|                     | @Temperature 15.0<br>Â°C            | @Temperature 59.0 Â°F            |                     |
|                     | 0.207 bar                           | 155 torr                         |                     |
|                     | @Temperature 20.0<br>Â°C            | @Temperature 68.0 Â°F            |                     |
|                     | 0.258 bar                           | 194 torr                         |                     |
|                     | @Temperature 25.0<br>Â°C            | @Temperature 77.0 Â°F            |                     |
|                     | 0.318 bar                           | 239 torr                         |                     |
|                     | @Temperature 30.0<br>Â°C            | @Temperature 86.0 Â°F            |                     |
|                     | 0.390 bar                           | 293 torr                         |                     |
|                     | @Temperature 35.0<br>Â°C            | @Temperature 95.0 Â°F            |                     |
|                     | 0.475 bar                           | 356 torr                         |                     |
|                     | @Temperature 40.0<br>Â°C            | @Temperature 104 Â°F             |                     |
|                     | 0.689 bar                           | 517 torr                         |                     |
|                     | @Temperature 50.0<br>Â°C            | @Temperature 122 Â°F             |                     |
|                     | 0.974 bar                           | 731 torr                         |                     |
|                     | @Temperature 60.0<br>Â°C            | @Temperature 140 Â°F             |                     |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
|--------------------|--------|---------|----------|

| Distillation Temperature<br>Thermal Properties | 60.0 - 62.0 Å°C<br>Metric      | 140 - 144 Å°F<br>English                 | Comments |
|------------------------------------------------|--------------------------------|------------------------------------------|----------|
| Descriptive Properties                         | Value                          | Comments                                 |          |
| Appearance                                     | Clear without suspended matter | ASMT D3741/B                             |          |
| Color                                          | <25                            | APHA                                     |          |
| Composition                                    | <1 mg/kg                       | Oxidizing Compounds (Cl2), ASTM D4755    |          |
|                                                | <10 mg/kg                      | Non-volatile matter, ASTM D1353          |          |
|                                                | <100 mg/kg                     | Moisture (H2O), Karl Fischer, ASTM E1064 |          |
|                                                | <5 mg/kg                       | Chloride (Cl)                            |          |
|                                                | <5 mg/kg                       | Acidity (HCl) , ASTM D2989               |          |
|                                                | 8-10 g/kg                      | Ethanol, Stabilizer                      |          |
|                                                | >999 g/kg                      | without Stabilizers                      |          |
| Purity                                         | >999 g/kg                      | without Stabilizers                      |          |

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