

**ROMMA**  
PURE CHEMISTRY



## ROMIL Technical Grade Solvents and Acids Specifications

Acetic Acid glacial (see Acetic Acid)

### Acetic Acid tech

RS014

2½LT RS014L  
25LT RS014G  
Dgr H:226-314  
P:280c-301+330+331-305+351+338-307+310

(Acetic Acid glacial)  
CH<sub>3</sub>COOH MW60.05 FP 16.7°C BP 117.9°C d 1.05 CAS [64-19-7] Assay >99% Water <0.5%



### Acetone tech

RS031

2½LT RS031L  
5LT RS031K  
10LT RS031J  
25LT RS031G  
Dgr H:225-319-336-EUH066  
P:210-233-305+351+338

(Propanone)  
(CH<sub>3</sub>)<sub>2</sub>COMW 58.08 BP 56.1°C d 0.79 CAS [67-64-1] Assay >99% Water <0.8%



### Acetonitrile tech

RS046

2½LT RS046L  
25LT RS046G  
Dgr H:225-302+312+332-319  
P:210-240-302+352-305+351+338-403+233

(Methyl Cyanide)  
CH<sub>3</sub>CNMW 41.05 BP 81.6°C d 0.78 CAS [75-05-8] Assay >99% Water <0.3%



### iso-Amyl Alcohol tech

RS062

2½LT RS062L  
25LT RS062G  
Wng H:226-332-335-EUH066  
P:210-304+340

(iso-Pentanol)  
(CH<sub>3</sub>)CH(CH<sub>2</sub>)<sub>2</sub>OH MW 88.15 d 0.81 Water <0.8% Assay (3- and 2-methyl isomers) >97%



n-Butanol (see Butan-1-ol)

2-Butanone (see Methyl Ethyl Ketone)

n-Butyl Alcohol (see Butan-1-ol)

n-Butyl Chloride (see 1-Chlorobutane)

### Butan-1-ol tech

RS083

2½LT RS083L 25LT RS083G  
Dgr H:226-302-315-318-335-336  
P:210-280f-302+352-304+340-305+351+338-313

(n-Butanol, n-Butyl Alcohol)  
CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>OHMW 74.12 BP 117.7°C d 0.81 CAS [71-36-3] Assay >99% Water <0.5%



### 1-Chlorobutane tech

RS118

2½LT RS118L  
25LT RS118G  
Dgr H:225  
P:210

(n-Butyl Chloride)  
CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>Cl MW 92.57 BP 78.4°C d 0.88 CAS [109-69-3] Assay >98% Water <0.5%



### Chloroform tech

RS135

2½LT RS135L  
Dgr H:351-361d-331-302-372-319-315  
P:261v-280f-304+340-305+351+338-308+313

(Trichloromethane)  
CHCl<sub>3</sub> MW119.38 BP 61.2°C d 1.48 CAS [67-66-3] Assay >98%\* Water <0.2%  
\*ex stabiliser  
Stabiliser: Ethanol ca. 1% w/w  
Stabiliser should only be removed immediately before use by adsorption onto activated alumina.



### Cyclohexane tech

RS156

2½LT RS156L 25LT RS156G  
Dgr H:225-304-315-336-410  
P:210-233-240-273-301+310-302+352-331-403+235

C<sub>6</sub>H<sub>12</sub> MW 84.16 FP6.5°C BP 80.7°C d 0.78 CAS [110-82-7] Assay >99% Water <0.2%



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### Dichloromethane tech

RS202

2½LT RS202L  
25LT RS202G  
Wng H:351  
P:281-308+313

**(Methylene Dichloride)**  
CH<sub>2</sub>Cl<sub>2</sub>MW 84.93BP 39.6°C d 1.33 CAS [75-09-2]  
Assay >99%\* Water <0.2%  
\*ex stabiliser  
Stabiliser: Amylene ca. 50 ppm



### Diethyl Ether tech

RS220

2½LT RS220L  
25LT RS220G  
Dgr H:224-302-336-EUH019-EUH066  
P:210-240-403+235

(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>OMW 74.12 BP34.4°C d 0.71 CAS [60-29-7]  
Assay >99%\* Water <0.2%  
\*ex stabiliser  
Stabiliser: Butylated hydroxytoluene (BHT) ca. 5 ppm



### Dimethylformamide tech

RS253

2½LT RS253L  
25LT RS253G  
Dgr H:360D-226-312+332-319  
P:201-210-302+352-305+351+338-308+313

HCON(CH<sub>3</sub>)<sub>2</sub> MW 73.09BP153.0°Cd0.95 CAS [68-12-2]  
Assay >99% Water <0.3%



### 1,4-Dioxan tech

RS297

2½LT RS297L  
25LT RS297G  
Dgr H:225-350-319-335-EUH019-EUH066  
P:210-281-305+351+338-308+313

C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>MW 88.11 FP11.8°C BP 101.3°C d 1.03 CAS [123-91-1]  
Assay >99% Water <0.2%  
Unstabilised



### Di-iso-propyl Ether tech

RS236

2½LT RS236L  
25LT RS236G  
Dgr H:225-336-EUH019-EUH066  
P:210-240-403+235

[(CH<sub>3</sub>)<sub>2</sub>CH]<sub>2</sub>O MW 102.18BP68.5°Cd0.73 CAS [108-20-3]  
Assay >98%\* Water <0.5%  
\*ex stabiliser  
Stabiliser: Butylated hydroxytoluene (BHT) ca. 5 ppm



### Ethanol absolute tech

2½LT RS314L  
25LT RS314G  
Dgr H:225  
P:210-233-240-403+235

**(Ethyl Alcohol)**  
C<sub>2</sub>H<sub>5</sub>OHMW 46.07 BP 78.3°C d 0.79 CAS [64-17-5]  
Assay >99% Water <0.8%



### n-Heptane 95% tech

RS367

2½LT RS367L  
25LT RS367G  
Dgr H:225-304-315-336-410  
P:210-273-301+310-331-302+352-304+340-403+235

CH<sub>3</sub>(CH<sub>2</sub>)<sub>5</sub>CH<sub>3</sub> MW 100.21BP94-98°C d 0.68 CAS [142-82-5]  
Water <0.2%  
Assay (n-isomer) ca. 95%  
Assay (all isomers) >99%



### Hexane tech

RS390

2½LT RS390L  
25LT RS390G  
Dgr H:225-304-361f-373-315-336-411  
P:210-240-273-301+310-331-302+352-403+235

C<sub>6</sub>H<sub>14</sub> BP 65-70°C d 0.66 CAS [73513-42-5]  
Water <0.2%  
Comprises ca. 50% n-isomer, the remainder being predominantly other isomers of hexane.



### n-Hexane 95% tech

RS389

2½LT RS389L  
25LT RS389G  
Dgr H:225-304-361f-373-315-336-411  
P:210-240-273-301+310-331-302+352-403+235

CH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>CH<sub>3</sub> MW 86.18BP67-70°C d 0.66 CAS [110-54-3]  
Water <0.2%  
Assay (n-isomer) ca. 95%  
Assay (all isomers) >99%



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### Hydrochloric Acid 1.18 tech

RA396

2½LT RA396L HCIMW 36.46d1.18CAS[7647-01-0]  
 25LT RA396G Assay ca. 36%  
 Dgr H:290-314-335  
 P:280c-301+330+331-305+351+338-309+310



Methyl Alcohol (see Methanol)

Methyl Cyanide (see Acetonitrile)

Methylene Dichloride (see Dichloromethane)

### Methanol tech

RS409

2½LT RS409L (Methyl Alcohol)  
 25LT RS409G CH<sub>3</sub>OHMW 32.04 BP 64.5°C d 0.79 CAS [67-56-1]  
 Dgr H:225-301+311+331-370 Assay >99% Water <0.5%  
 P:210-280f-302+352-309+310-403+235



### Methyl Ethyl Ketone tech

RS493

2½LT RS493L (2-Butanone)  
 25LT RS493G CH<sub>3</sub>CH<sub>2</sub>COCH<sub>3</sub> MW 72.11 BP 79.6°C d 0.80 CAS [78-93-3]  
 Dgr H:225-319-336-EUH066 Assay >99% Water <0.3%  
 P:210-305+351+338-403+233



### Nitric Acid 1.42 tech

RA566

2½LT RA566L HNO<sub>3</sub> MW63.01d1.42CAS[7697-37-2]  
 Dgr H:272-290-331-314-EUH071 Assay ca. 69%  
 P:260c-280c-301+330+331-305+351+338-309+310 Store in dark.  
 Concentrated Nitric Acid can decompose to nitrogen oxides (NO<sub>x</sub>) through action of heat or light resulting in a yellow colouration. However, this does not affect the performance of the acid with respect to trace metals or oxidising power. Storage in a cool, dark place is recommended.



### iso-Octane (see 2,2,4-Trimethylpentane)

iso-Pentanol (see iso-Amyl Alcohol)

Perchloroethylene (see Tetrachloroethylene)

Petroleum Distillate (see Petroleum Ether)

Petroleum Spirit (see Petroleum Ether)

iso-Propanol (see Propan-2-ol)

Propanone (see Acetone)

iso-Propyl Alcohol (see Propan-2-ol)

### Petroleum Ether 40-60°C tech

RS601

2½LT RS601L (Petroleum Distillate, Petroleum Spirit)  
 25LT RS601G BP 40-60°C d0.64 CAS[8032-32-4]  
 Dgr H:225-304-336-411-EUH066 Water <0.2%  
 P:210-233-243-273-280-301+310-303+361+353-304+340-331-403+235



### Propan-2-ol tech



















RS625

2½LT RS625L (iso-Propanol, iso-Propyl Alcohol)  
 25LT RS625G (CH<sub>3</sub>)<sub>2</sub>CHOH MW 60.10BP82.2°C d 0.78 CAS [67-63-0]  
 Dgr H:225-319-336 Assay >99% Water <0.5%  
 P:210-233-305+351+338





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<p>2½LT RA691L Dgr H:290-314 P:280c-301+330+331-305+351+338-309+310</p>	<p><b>Sulphuric Acid 1.84 tech</b> H<sub>2</sub>SO<sub>4</sub> MW98.07d1.84CAS[7664-93-9] Assay 95-98%</p>	<p>RA691 ☐</p>
	<p>Turpentine substitute (see White Spirit)</p>	
<p>2½LT RS702L 25LT RS702G Wng H:315-317-319-336-351-411 P:273-281-302+352-305+351+338-308+313</p>	<p><b>Tetrachloroethylene tech</b> (Perchloroethylene) CCl<sub>2</sub>CCl<sub>2</sub>MW165.83 BP 121.1°C d 1.62 CAS [127-18-4] Assay &gt;99% Water &lt;0.2% Unstabilised</p>	<p>RS702 ☐</p>
  		
<p>2½LT RS718L 25LT RS718G Dgr H:225-319-335-351-EUH019 P:210-240-305+351+338-308+313-403+233</p>	<p><b>Tetrahydrofuran tech</b> CH<sub>2</sub>(CH<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>OMW 72.11BP66.0°C d 0.89 CAS [109-99-9] Assay &gt;99%* Water &lt;0.3% *ex stabiliser Stabiliser: Butylated hydroxytoluene (BHT) ca. 250 ppm</p>	<p>RS718 ☐</p>
  		
<p>2½LT RS771L 25LT RS771G Dgr H:225-304-315-336-361d-373 P:210-240-301+310-331-302+352-403+235</p>	<p><b>Toluene tech</b> C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>MW92.14BP 110.6°C d 0.87 CAS [108-88-3] Assay &gt;99% Water &lt;0.2%</p>	<p>RS771 ☐</p>
  		
<p>2½LT RS901L 25LT RS901G Dgr H:225-304-315-336-410 P:210-233-240-273-301+310-331-302+352-304+340-403+235</p>	<p><b>2,2,4-Trimethylpentane tech</b> (iso-Octane) (CH<sub>3</sub>)<sub>3</sub>CCH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub> MW 114.23 BP 99.2°C d 0.69 CAS [540-84-1] Assay &gt;98% Water &lt;0.2%</p>	<p>RS901 ☐</p>
   		
<p>2½LT RS864L 25LT RS864G Dgr H:226-302+312+332-304-315-319-334-411 P:261v-273-280f-301+310-331-305+351+338</p>	<p><b>White Spirit tech</b> (Turpentine substitute, Stoddard solvent) BP150-200°C d0.77 CAS[8052-41-3] Water &lt;0.2% Comprises a re ned mixture of mainly C9-C12 hydrocarbons being n-alkanes, iso-alkanes, cyclics and aromatics.</p>	<p>RS864 ☐</p>
   		
<p>2½LT RS982L 25LT RS982G Wng H:226-312+332-315 P:210-302+352-304+340</p>	<p><b>Xylene mixed isomers tech</b> C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub> MW106.17BP138-142°Cd0.86 CAS [1330-20-7] Water &lt;0.2% Comprises 3 isomers and ethylbenzene Assay (total C<sub>8</sub>H<sub>10</sub> isomers) &gt;97%</p>	<p>RS982 ☐</p>
