



**RIKI GLOBAL**  
performance through innovation

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**ROMMA**  
PURE CHEMISTRY

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## 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)  
CH3COOH 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)  
(CH3)2COMW 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)  
CH3CNMW 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)  
(CH3)CH(CH2)2OH 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  
RS085G  
Dgr H:226-302-315-318-335-336  
P:210-280f-302+352-304+340-305+351+338-313



(n-Butanol, n-Butyl Alcohol)  
CH3(CH2)3OHMW 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)  
CH3(CH2)3Cl 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)  
CHCl3 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



C6H12 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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## ROMIL Technical Grade Solvents and Acids Specifications

### Dichloromethane tech

RS202

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

**(Methylene Dichloride)**  
CH2Cl2 MW 84.93 BP 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

**(C2H5)2OMW** 74.12 BP 34.4°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(CH3)2** MW 73.09 BP 153.0°C d 0.95 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

**C4H8O2** MW 88.11 FP 11.8°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

**[(CH3)2CH]2O** MW 102.18 BP 68.5°C d 0.73 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)**  
C2H5OH MW 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

**CH3(CH2)5CH3** MW 100.21 BP 94-98°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

**C6H14** 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

**CH3(CH2)4CH3** MW 86.18 BP 67-70°C d 0.66 CAS [110-54-3]  
Water <0.2%  
Assay (n-isomer) ca. 95%  
Assay (all isomers) >99%





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## ROMIL Technical Grade Solvents and Acids Specifications

### Hydrochloric Acid 1.18 tech

RA396

2½LT RA596L  
25LT RA396G  
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  
25LT RS409G  
Dgr H:225-301+311+331-370  
P:210-280f-302+352-309+310-403+235



### Methyl Ethyl Ketone tech

RS493

2½LT RS495L  
25LT RS495G  
Dgr H:225-319-336-EUH066  
P:210-305+351+338-403+233



### Nitric Acid 1.42 tech

RA566

2½LT RA566L  
Dgr H:272-290-331-314-EUH071  
P:260c-280c-301+330+331-305+351+338-309+310

HNO<sub>3</sub> MW63.01d1.42CAS[7697-37-2]  
Assay ca. 69% 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  
25LT RS601G  
Dgr H:225-304-336-411-EUH066  
P:210-233-243-273-280-301+310-303+361+353-304+340-331-403+235



### Propan-2-ol tech

RS625

2½LT RS625L  
25LT RS625G  
Dgr H:225-319-336  
P:210-233-305+351+338

**(iso-Propanol, iso-Propyl Alcohol)**  
(CH<sub>3</sub>)<sub>2</sub>CHOH MW 60.10BP82.2°C d 0.78 CAS [67-63-0]  
Assay >99% Water <0.5%





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## ROMIL Technical Grade Solvents and Acids Specifications

### Sulphuric Acid 1.84 tech

2½LT RA691L  
Dgr H:290-314  
P:280c-301+330+331-305+351+338-  
309+310



H<sub>2</sub>SO<sub>4</sub> MW98.07d1.84CAS[7664-93-9]  
Assay 95-98%

Turpentine substitute (see White Spirit)

### Tetrachloroethylene tech

2½LT RS702L  
25LT RS702G  
Wng H:315-317-319-336-351-411  
P:273-281-302+352-305+351+338-  
308+313



(Perchloroethylene)  
CCl<sub>2</sub>CCl<sub>2</sub>MW165.83 BP 121.1°C d 1.62 CAS [127-18-4]  
Assay >99% Water <0.2%  
Unstabilised

RS702

### Tetrahydrofuran tech

2½LT RS718L  
25LT RS718G  
Dgr H:225-319-335-351-EUJH019  
P:210-240-305+351+338-308+313-  
403+233



CH<sub>2</sub>(CH<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>O MW 72.11BP66.0°C d 0.89 CAS [109-99-9]  
Assay >99%\* Water <0.3%  
\*ex stabiliser  
Stabiliser: Butylated hydroxytoluene (BHT) ca. 250 ppm

RS718

### Toluene tech

2½LT RS771L  
25LT RS771G  
Dgr H:225-304-315-336-361d-373  
P:210-240-301+310-331-302+352-  
403+235



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 >99% Water <0.2%

RS771

### 2,2,4-Trimethylpentane tech

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



(iso-Octane)  
(CH<sub>3</sub>)<sub>3</sub>CCCH<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 >98% Water <0.2%

RS901

### White Spirit tech

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



(Turpentine substitute, Stoddard solvent)  
BP150-200°C d0.77 CAS[8052-41-3]  
Water <0.2%

Comprises a refined mixture of mainly C<sub>9</sub>-C<sub>12</sub> hydrocarbons being n-alkanes, iso-alkanes, cyclics and aromatics.

RS864

### Xylene mixed isomers tech

2½LT RS982L  
25LT RS982G  
Wng H:226-312+332-  
315 P:210-302+352-  
304+340



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 <0.2%  
Comprises 3 isomers and ethylbenzene  
Assay (total C<sub>8</sub>H<sub>10</sub> isomers) >97%

RS982

