

# LABSOLV

The smart choice for your chemicals

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## The Physical Hazard

• Self-Reactive Substances       • Actic Acid 97%       • Actic Acid 97%       • Actic Acid 97%         • Dyrophorics (Liquids, Solids)       • Self-Heating Substances       • Organic Percodes       • Organic Percodes         • Organic Percodes       • Organic Percodes       • Organic Percodes       • Ordebanon       • Actic Acid 97%       • Action Pile         • Organic Percodes       • Organic Percodes       • Organic Percodes       • Ordebanon       • Ordebanon       • Actic Acid 97%       • Acti	GHS signs	Description	Product S	amples
Visitizing- Nosphoric AcidVisitizing- Substances Corrosive to Metal- Acetic Acid 97% · Hydrochloric Acid · Hydrogen Persakle 50% · Nitric Acid- Phosphoric Acid · Sodium Hydroxide · Sulfuric AcidVisitic- Explosives · Self-Reactive Substances · Organic Peroxides- Phosphoric Acid · Sulfuric Acid · Sulfuric AcidVisitic- Explosives · Self-Reactive Substances · Organic Peroxides- Phosphoric Acid · Sulfuric Acid · Sulfuric AcidVisitic- Explosives · Self-Reactive Substances · Organic Peroxides- Phosphoric Acid · Sulfuric Acid · Sulfuric AcidVisitic- Self-Reactive Substances · Organic Peroxides- Phosphoric Acid · Sulfuric AcidVisitic- Self-Reactive Substances · Organic Peroxides </th <th>Flammable</th> <th><ul> <li>Pyrophorics (Liquids, Solids)</li> <li>Self-Heating Substances</li> <li>Organic Peroxides</li> <li>Desensitized Explosives</li> <li>Flammables (Gases, Aerosols, Liquids and Solids)</li> <li>Substances which no contact with Water Emit</li> </ul></th> <th><ul> <li>Acetone</li> <li>Acetonitrile</li> <li>Butan-1-ol</li> <li>Chlorobenzene</li> <li>Cyclohexane</li> <li>Cyclohexanone</li> <li>Diethyl Ether</li> <li>Dimethylformamide</li> <li>Ethanol</li> <li>Ethyl Acetate</li> </ul></th> <th><ul> <li>Hexane Fraction</li> <li>Isohexane</li> <li>Methanol</li> <li>Methyl-t-Butyl Ether</li> <li>Methyl Ethyl Ketone</li> <li>n-Pentane</li> <li>Petroleum Ether 35-60</li> <li>Propan-2-ol</li> <li>Tetrahydrofuran</li> </ul></th>	Flammable	<ul> <li>Pyrophorics (Liquids, Solids)</li> <li>Self-Heating Substances</li> <li>Organic Peroxides</li> <li>Desensitized Explosives</li> <li>Flammables (Gases, Aerosols, Liquids and Solids)</li> <li>Substances which no contact with Water Emit</li> </ul>	<ul> <li>Acetone</li> <li>Acetonitrile</li> <li>Butan-1-ol</li> <li>Chlorobenzene</li> <li>Cyclohexane</li> <li>Cyclohexanone</li> <li>Diethyl Ether</li> <li>Dimethylformamide</li> <li>Ethanol</li> <li>Ethyl Acetate</li> </ul>	<ul> <li>Hexane Fraction</li> <li>Isohexane</li> <li>Methanol</li> <li>Methyl-t-Butyl Ether</li> <li>Methyl Ethyl Ketone</li> <li>n-Pentane</li> <li>Petroleum Ether 35-60</li> <li>Propan-2-ol</li> <li>Tetrahydrofuran</li> </ul>
• Hydrochloric Acid • Sodium Hydroxide   • Hydrochloric Acid • Sulfuric Acid   • Hydrogen Peroxide 50% • Sulfuric Acid   • Nitric Acid • Sulfuric Acid     • Sodium Hydroxide   • Sulfuric Acid   • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid  • Sulfuric Acid	Oxidizing	• Oxidizing (Gases, Liquids, Solids)	• Hydrogen Peroxide 50%	• Nitric Acid
• Self-Reactive Substances       -         • Organic Peroxides       -         • Gases Under Pressure       -	Corrosive	Substances Corrosive to Metal	<ul><li> Hydrochloric Acid</li><li> Hydrogen Peroxide 50%</li></ul>	Sodium Hydroxide
	Explosive	Self-Reactive Substances	-	
	Compressed gas	• Gases Under Pressure	-	



#### The Health Hazard

GHS signs	Description	Product Samples
Human Health	<ul> <li>Germ Cell Mutagenicity</li> <li>Carcinogenicity</li> <li>Toxic to Reproduction</li> <li>Aspiration Toxicity</li> <li>Specific Target Organ/Systemic Toxicity - Single Exposure</li> <li>Specific Target Organ/Systemic Toxicity - Repeated Exposure</li> </ul>	• Chloroform• Isohexane• Cyclohexane• Methanol• Dichloromethane• n-Methyl-2-Pyrrollidone• Dimethylacetamide• n-Pentane• Dimethylformamide• Petroleum Ether 35-60• n-Heptane• Tetrahydrofuran• Hexanes• Toluene• Hexane Fraction• Trichloroethylene
<b>Hazardous</b>	<ul> <li>Acute Toxicity (Low)</li> <li>Eye Irritation</li> <li>Respiratory or Skin Sensitization</li> </ul>	<ul> <li>Acetone</li> <li>Hexane Fraction</li> <li>Acetonitrile</li> <li>Hydrochloric Acid</li> <li>Butan-1-ol</li> <li>Hydrogen Peroxide 50%</li> <li>Chlorobenzene</li> <li>Isohexane</li> <li>Cyclohexane</li> <li>Methyl-t-Butyl Ether</li> <li>Cyclohexanone</li> <li>Methyl-thyl Ketone</li> <li>Dichloromethane</li> <li>n-Methyl-2-Pyrrollidone</li> <li>Diethyl Ether</li> <li>n-Pentane</li> <li>Dimethylacetamide</li> <li>Propan-2-ol</li> <li>Ethanol</li> <li>Tetrahydrofuran</li> <li>Ethyl Acetate</li> <li>Toluene</li> <li>n-Heptane</li> <li>Hexanes</li> </ul>
Corrosive	<ul> <li>Skin Corrosive/Irritation</li> <li>Serious Eye Damage/Eye Irritation</li> </ul>	<ul> <li>Acetic Acid 97%</li> <li>Butan-1-ol</li> <li>Cyclohexanone</li> <li>Hydrochloric Acid</li> <li>Sodium Hydroxide</li> </ul>
Toxic	• Acute Toxicity (High)	Chlorofrom     Nitric Acid     Methanol

## The Environmental Hazard

GHS signs	Description	Product Samples
Environmental Hazard	<ul> <li>Hazardous to the Aquatic Environment</li> <li>Hazardous to the Ozone Layer</li> </ul>	<ul> <li>Chlorobenzene</li> <li>Cyclohexane</li> <li>n-Heptane</li> <li>Hexanes</li> </ul>

Labsolv range of products, which includes solvents & acids, is supplied to companies active in the following industries:

- Pharmaceutical
- Food and Agriculture
- Services
- Paints
- Electroplating and High-precision electronics
- Rubber and Plastic industry
- Textiles
- Oil refining
- Paper processing

#### Our product grades include:

## LC

Chemicals of this grade are rigorously tested, distilled, submicron filtered to be used as mobile phases in HPLC and organic synthesis applications.

#### ACS

Chemicals of this grade are suitable for analytical and research work requiring high standards of purity that meet and exceed ACS specifications for minimum assay and maximum limit of trace impurities.

#### CG

Commercial Grade chemicals that are developed for industrial processing. This grade of chemicals is used for industrial production processes and it is also used as raw material.

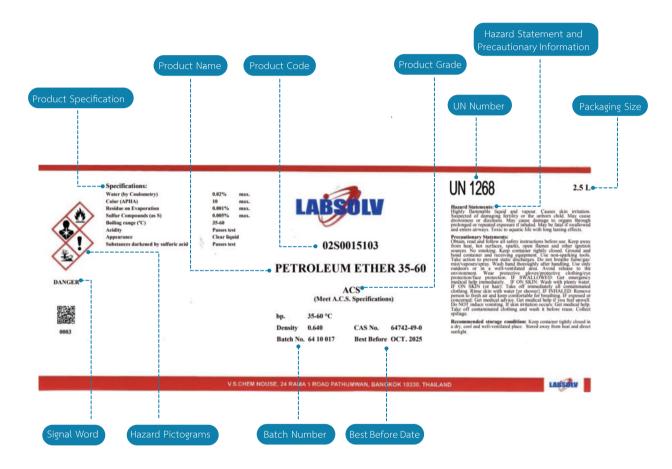
#### **ISO Certificates**





#### Labsolv Label

Our Label is designed to provide the necessary up to date information and is in compliance with the GHS system (Globally Harmonized System of Classification and Labelling of Chemicals)



#### Packaging

#### "Packaging for safety, convenience and product quality"

Labsolv offers a comprehensive range of packaging which is designed for safety, environmental protection, convenient handling and storage. All packaging are guaranteed to preserve the integrity of our product.



#### **Amber Glass Bottles:**

Suitable for photosensitive Chemicals. We offer 2.5 Litre and 4 Litre size.



#### Plastic Bottles:

Plastic Bottles are suppiled when chemical properties of the content and bottles are compatible, because they minimize the risk of breakage, are lighter in weight as well as being easier and more economical to transport.

We offer 2.5 Litre and 4 Litre size.



#### Drums for Bulk Quantities:

We currently offer the following sizes: 20 Litre Plastic drum 30 KG Plastic drum 35 KG Plastic drum 160 KG Metal drum 200 Litre Plastic drum 200 Litre Metal drum

# PRODUCT INDEX

## **PRODUCT INDEX**

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**PRODUCT INDEX** 



## Acetonitrile, LC

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CH₃CN	FW. 41.05	Description	Specifications	Cat No.	Package	Size
Code	0350002	Assay (by GC.)	99.9% min.	03S0002103	Glass	2.5 Litre
CAS-No.	75-05-8	Color (APHA)	10 max.	03S0002104	Glass	4 Litre
Density 1 L =	0.786 Kg	Water (by Coulometry)	0.02% max.			
<b>Boiling Point</b>	81.6 °C	Acidity (mEq./g.)	0.0005 max.			
Melting Point	-45.7 °C	Alkalinity (mEq./g.)	0.0002 max.			
		Residue on Evaporation	0.0002% max.			
		UV Absorbance				
		254 nm	0.005 AU max.			
		220 nm	0.01 AU max.			
		210 nm	0.03 AU max.			
		205 nm	0.04 AU max.			
		200 nm	0.05 AU max.			
		195 nm	0.15 AU max.			
		Gradient Specification				
		at 210 nm	2.0 mAU max.			
		at 254 nm	0.5 mAU max.			
		Fluorescence (as quinine)				
		at 254 nm	1 ppb max.			
		at 365 nm	1 ppb max.			

Product passed through 0.2 micron final filter.

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## Hexanes, ACS

$C_6H_{14}$	FW. 86.18	Description	Specifi	cations	• •	
C61 114	1 W. 00.10	Description	opeenieutions		Cat No.	Package
Code	0250012	Assay (by GC. : Total C6 Isomers)	98.5%	min.	0250012103	Glass
CAS-No.	110-54-3	Color (APHA)	10	max.	0250012104	Glass
Density 1 L =	0.660 Kg.	Water (by Coulometry)	0.03%	max.		
<b>Boiling Point</b>	69 °C	Acidity (mEq./g.)	0.0003	max.		
Melting Point	-94.3 °C	Residue on Evaporation	0.001%	max.		
		Sulfur Compounds (as S)	0.005%	max.		
		Thiophene	Passes te	st		
		Substances darkened by sulfuric acid	Passes te	st		
		Total Isomer : n-Hexane, Methylpe	ntane, Met	thylcyclopent	ane and Dimethylb	outane.
		Meet A.C.S Specifications.				

Size

2.5 Litre

4 Litre

## Methanol, ACS

CH₃OH	FW. 32.04
Code	0250014
CAS-No.	67-56-1
Density 1 L =	0.790 Kg.
<b>Boiling Point</b>	64.5 <sup>°</sup> C
Melting Point	-98 °C

Description	Specifications	
Assay (by GC)	99.8%	min.
Appearance	Clear	
Color (APHA)	10	max.
Water (by Coulometry)	0.1%	max.
Acidity (mEq./g.)	0.0003	max.
Alkalinity (mEq./g.)	0.0002	max.
Residue on Evaporation	0.001%	max.
Acetaldehyde	0.001%	max.
Acetone	0.001%	max.
Formaldehyde	0.001%	max.
Solubility in water	Passes tes	t
Substances darkened by sulfuric acid Passes test		t
Substanced reducing permanganate	Passes tes	t

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Cat No.	Package	Size
02S0014104	Glass	4 Litre
02S0014204	Plastic	4 Litre

Meet A.C.S. Specifications.

## Methanol, LC

CH₃OH	FW. 32.04
Code	03S0014
CAS-No.	67-56-1
Density 1 L =	0.790 Kg.
Boiling Point	64.5 °C
Melting Point	-98 °C

Description	Specifications					
Assay (by GC)	99.9%		min.			
Color (APHA)	10		max.			
Water (by Coulometry)	0.05%		max.			
Acidity (mEq./g.)	0.0005	5	max.			
Alkalinity (mEq./g.)	0.0002	2	max.			
Residue on Evaporation	0.0003	3%	max.			
Carbonyl Compound	0.0019	%	max.			
UV Absorbance						
280 nm	0.01	AU	max.			
254 nm	0.02	AU	max.			
230 nm	0.15	AU	max.			
220 nm	0.25	AU max.				
Gradient Specification						
at 254 nm	2.0	m	AU max.			
Fluorescence (as quinine)						
at 254 nm	1	pp	ob max.			
at 365 nm	1	pp	ob max.			
Product passed through 0.2 micron final filter						



Cat No.	Package	Size
03S0014103	Glass	2.5 Litre
03S0014104	Glass	4 Litre



## Petroleum Ether 35-60, ACS

Code	02S0015		
CAS-No.	64742-49-0		
Density 1 L =	0.640 Kg.		
Boiling Point	35-60 °C		

Description	Specific	ations
Water (by Coulometry)	0.02%	max.
Color (APHA)	10	max.
Appearance	Clear liqui	d
Acidity	Passes test	t
Residue on Evaporation	0.001%	max.
Boiling range (°C)	35-60	
Sulfur Compounds (as S)	0.005%	max.
Substances darkened by sulfuric acid	Passes tes	t
Meet A.C.S. Specifications.		

Cat No.	Package	Size
02S0015103	Glass	2.5 Litre
02S0015104	Glass	4 Litre

Propan-2-ol, ACS

(CH <sub>3</sub> ) <sub>2</sub> CHOH	FW. 60.10
Code	02S0017
CAS-No.	67-63-0
Density 1 L =	0.786 Kg.
Boiling Point	82.4 <sup>°</sup> C
Melting Point	-89.5 ℃

Description Spec		ations
Assay (by GC)	99.5%	min.
Appearance	Clear	
Color (APHA)	10	max.
Water (by Coulometry)	0.2%	max.
Acidity (mEq./g.)	0.0001	max.
Residue on Evaporation	0.001%	max.
Carbonyl Compounds (as propionaldehyde or acetone)	0.002%	max.
Solubility in water	Passes tes	st
Meet A.C.S. Specifications.		



Cat No.	Package	Size
02S0017104	Glass	4 Litre
02S0017204	Plastic	4 Litre



## Acetic Acid 97%, CG

CH₃COOH	FW.60.05	Density 1 L =	1.06 Kg.	Cat No.	Package	Size
Code	05A0001	<b>Boiling Point</b>	118 °C	05A0001210	Plastic	30 KG
CAS-No.	64-19-7	Melting Point	-10 °C			

#### Acetone, CG



CH₃COCH₃	FW. 58.08	Density 1 L $=$	0.790 Kg.	Cat No.	Package	Size
Code	0550001	<b>Boiling Point</b>	56.2 °C	05S0001206	Plastic	20 Litre
CAS-No.	67-64-1	Melting Point	-95.4 °C	05S0001311	Metal	160 KG

## Acetonitrile, CG



CH₃CN	FW. 41.05	Density 1 L $=$	0.786 Kg.	Cat No.	Package	Size
Code	05S0002	Boiling Point	81.6 °C	05S0002306	Metal	25 Litre
CAS-No.	75-05-8	Melting Point	-45.7 °C	05S0002307	Metal	200 Litre

#### Butan-1-ol, CG

	$\langle \mathbf{I} \rangle$
Cat No.	Package
0550000000	Mada I

$CH_3(CH_2)_3OH$	FW. 74.12	Density 1 L =	0.810 Kg.	Cat No.	Package	Size
Code	05S0023	<b>Boiling Point</b>	117 <sup>°</sup> C	05S0023306	Metal	25 Litre
CAS-No.	71-36-3	Melting Point	-89.5 <sup>°</sup> C	05S0023307	Metal	200 Litre

## Chlorobenzene, CG

C₀H₅Cl	FW. 112.56	Density 1 L =	1.110	Kg.	Cat No.	Package	Size
Code	0550024	<b>Boiling Point</b>	132	°C	05S0024306	Metal	25 Litre
CAS-No.	108-90-7	Melting Point	-45	°C	05S0024307	Metal	200 Litre



## Chloroform, CG

CHCl₃ Code CAS-No.



FW. 119.38	Density 1 L $=$	1.479 Kg.	Cat No.	Package	Size
05S0025	<b>Boiling Point</b>	61 °C	05S0025306	Metal	25 Litre
67-66-3	Melting Point	-63 °C	0550025307	Metal	200 Litre

## Cyclohexane, CG



$C_6H_{12}$	FW. 84.16	Density $1 L =$	0.779 Kg.	Cat No.	Package	Size
Code	0550003	<b>Boiling Point</b>	81 °C	05S0003306	Matal	25 Litre
CAS-No.	110-82-7	Melting Point	6 °C	05\$0003307	Metal	200 Litre

## Cyclohexanone, CG

C₅H <sub>10</sub> O	FW. 98.14	Density 1 L =	0.945 Kg.					
Code	05S0004	<b>Boiling Point</b>	156.6 °C	Cat No.	Package	Size		
CAS-No.	108-94-1	Melting Point	-31 °C	05S0004306	Matal	25 Litre		



#### **Dichloromethane**, CG

$CH_2CI_2$	FW. 84.93	Density 1 L $=$	1.330 Kg.	Cat No.	Package	Size
Code	05S0006	<b>Boiling Point</b>	40 °C	05\$0006306	Metal	20 Litre
CAS-No.	75-09-2	Melting Point	-95 °C	05S0006307	Metal	200 Litre

0.710 Kg.

-116.3 °C

-116.3 °C

0.940 Kg. °C

°C

166

-20

°C

34.6

Density 1 L =

**Boiling Point** 

**Melting Point** 

Density 1 L =

**Boiling Point** 

**Melting Point** 

Density 1 L =

**Boiling Point** 

**Melting Point** 

#### **Diethyl Ether, CG**

FW. 74.12

05S0027

60-29-7

FW. 74.12

05S0026

60-29-7

 $(C_2H_5)_2O$ 

CAS-No.

 $(C_2H_5)_2O$ 

CAS-No.

CH<sub>3</sub>CON(CH<sub>3</sub>)<sub>2</sub>

Code

CAS-No.

Code

Code



Package	Size
Metal	25 Litre
Metal	200 Litre
	Metal

#### **Diethyl Ether, CG**



Cat No.	Package	Size
05S0026306	Metal	25 Litre
05S0026307	Metal	200 Litre

#### Dimethylacetamide, CG

FW. 87.12

05S0028

127-19-5



Cat No.	Package	Size
05S0028306	Metal	25 Litre
05\$0028307	Metal	200 Litre

#### **Dimethylformamide, CG**

HCON(CH <sub>3</sub> ) <sub>2</sub>	FW. 73.10	Density 1 L =	0.949	Kg.	Cat No.	Package	Size
Code	05S0029	Boiling Point	153	°C	0550029306	Metal	25 Litre
CAS-No.	68-12-2	Melting Point	-61	°C	05S0029307	Metal	200 Litre

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## Dimethylsulphoxide, CG

(CH₃)₂SO	FW. 78.13	Density 1 L =	1.100 Kg.	Cat No.	Package	Size
Code	0550008	<b>Boiling Point</b>	189 <sup>°</sup> C	05S0008306	Metal	20 Litre
CAS-No.	67-68-5	Melting Point	18.5 <sup>°</sup> C	0550008307	Metal	200 Litre

#### Ethanol 70%, CG

				$\sim$ $\sim$		
C₂H₅OH	FW. 46.07	CAS-No.	64-17-5	Cat No.	Package	Size
Code	05S0031	Density 1 L $=$	0.866 Kg.	0550031206	Plastic	20 Litre
				05\$0031307	Metal	200 Litre

#### Ethanol, CG



<u>()</u>

C₂H₅OH	FW. 46.07	Density 1 L =	0.790 Kg.	Cat No.	Package	Size
Code	0550010	Boiling Point	78.3 °C	05S0010206	Plastic	20 Litre
CAS-No.	64-17-5	Melting Point	-114.5 °C	0550010307	Metal	200 Litre

#### Ethanol 70%, CG

				()		
C₂H₅OH	FW. 46.07	CAS-No.	64-17-5	Cat No.	Package	Size
Code	05S0030	Density 1 L $=$	0.866 Kg.	0550030206	Plastic	20 Litre
				0550030307	Metal	200 Litre

## Ethanol, CG



C <sub>2</sub> H <sub>5</sub> OH	FW. 46.07	Density $1 L =$	0.790 Kg.	Cat No.	Package	Size
Code	0550009	<b>Boiling Point</b>	78.3 °C	05S0009206	Plastic	20 Litre
CAS-No.	64-17-5	Melting Point	-114.5 °C	0550009307	Metal	200 Litre

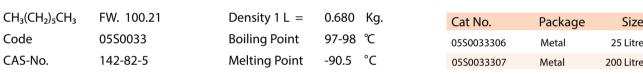
## **Ethyl Acetate, CG**

$CH_3COOC_2H_5$	FW. 88.11	Density 1 L $=$	0.900	Kg.	Cat No.	Package	Size
Code	05S0011	<b>Boiling Point</b>	77	°C	05S0011206	Plastic	20 Litre
CAS-No.	141-78-6	Melting Point	-83	°C	0550011307	Metal	200 Litre

#### n-Heptane 95%, CG

					<b>!</b>	
$CH_3(CH_2)_5CH_3$	FW. 100.21	Density $1 L =$	0.680 Kg.	Cat No.	Package	Size
Code	05S0032	<b>Boiling Point</b>	97-98 °C	05S0032306	Metal	25 Litre
CAS-No.	142-82-5	Melting Point	-90.5 °C	05S0032307	Metal	200 Litre

#### n-Heptane 99%, CG



Density 1 L =

**Boiling Point** 

**Melting Point** 

#### **Hexane Fraction, CG**

FW. 86.18

05S0034

110-54-3



Cat No.	Package	Size
05S0033306	Metal	25 Litre
0550033307	Metal	200 Litre



0.660 Kg.	Cat N	o. Packa	ge Size
67-69 °C	055003	4306 Metal	25 Litre
-94.3 °C	055003	A307 Metal	200 Litre

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#### Hexanes, CG

 $C_6H_{14}$ 

Code

CAS-No.

				$\mathbf{v}$	<b>v v</b>	
$C_6H_{14}$	FW. 86.18	Density $1 L =$	0.660 Kg.	Cat No.	Package	Size
Code	05S0012	Boiling Point	69 °C	05S0012206	Metal	25 Litre
CAS-No.	110-54-3	Melting Point	-94.3 °C	05S0012307	Metal	200 Litre



## Hydrochloric Acid 21%, CG

HCI	FW. 36.46	Density 1 L =	1.10 Kg.	Cat No.	Package	Size
Code	05A0003	<b>Boiling Point</b>	108 <sup>°</sup> C	05A0003210	Plastic	30 KG
CAS-No.	7647-01-0	Melting Point	-59 °C			

#### Hydrochloric Acid 35%, CG

HCI	FW. 36.46	Density 1 L =	1.17 Kg.	Cat No.	Package	Size
Code	05A0004	<b>Boiling Point</b>	61 <sup>°</sup> C	05A0004210	Plastic	30 KG
CAS-No.	7647-01-0	Melting Point	-30 °C			

## Hydrogen Peroxide 50% Solution, CG



$H_2O_2$	FW. 34.01	CAS-No.	7722-84-1	Cat No.	Package	Size
Code	0500001	Density $1 L =$	1.19 Kg.	0500001217	Plastic	20 KG



#### Isohexane, CG

		×
V	$\checkmark$	$\checkmark$

$C_6H_{14}$	FW. 86.18	Density 1 L $=$	0.660 Kg.	Cat No.	Package	Size
Code	05S0035	<b>Boiling Point</b>	53 - 63 °C	05S0035306	Metal	25 Litre
CAS-No.	92112-69-1	Melting Point	<-50 °C	0550035307	Metal	200 Litre

#### Methanol, CG

C₂H₅COCH₃

Code

CAS-No.

CH<sub>3</sub>OC(CH<sub>3</sub>)<sub>3</sub>

Code

CAS-No.



CH₃OH	FW. 32.04	Density 1 L $=$	0.790	Kg.	Cat No.	Package	Size
Code	05S0014	Boiling Point	64.5	°C	05S0014306	Metal	25 Litre
CAS-No.	67-56-1	Melting Point	-98	C	0550014307	Metal	200 Litre

0.805

79.6

-86

Kg.

°C

°C

0.740 Kg.

-108.6 °C

°C

55.3

Density 1 L =

**Boiling Point** 

**Melting Point** 

Density 1 L =

**Boiling Point** 

**Melting Point** 

#### Methyl Ethyl Ketone, CG

FW. 72.11

05S0036

78-93-3



Package	Size
Metal	25 Litre
Metal	200 Litre
	Metal

#### Methyl-t-Butyl Ether, CG

FW. 88.15

05S0037

1634-04-4

Cat No.	Package	Size
05S0037306	Metal	25 Litre
05S0037307	Metal	200 Litre

#### n-Methyl-2-Pyrrolidone, CG

C₅H₀NO	FW. 99.13	Density 1 L =	1.030	Kg.	Cat No.	Package	Size
Code	0550013	<b>Boiling Point</b>	202	°C	05S0013306	Metal	25 Litre
CAS-No.	872-50-4	Melting Point	-24	°C	05S0013307	Metal	200 Litre



#### Nitric Acid 68%, CG

				<b>v v</b>	<b>v</b>	
HNO₃	FW. 63.01	Density 1 L $=$	1.41 Kg.	Cat No.	Package	Size
Code	05A0005	<b>Boiling Point</b>	120.1 <sup>°</sup> C	05A0005215	Plastic	35 KG
CAS-No.	7697-37-2	Melting Point	-35.9 ℃			

#### Nitric Acid 70%, CG

HNO₃	FW. 63.01	Density 1 L =	1.41 Kg.	Cat No.	Package	Size
Code	05A0006	<b>Boiling Point</b>	119.9 ℃	05A0006210	Plastic	30 KG
CAS-No.	7697-37-2	Melting Point	-41 °C			

#### n-Pentane 95%, CG



$CH_3(CH_2)_3CH_3$	FW. 72.15	Density 1 L $=$	0.630 Kg.	Cat No.	Package	Size
Code	0550021	Boiling Point	36.1 °C	05S0021306	Metal	25 Litre
CAS-No.	109-66-0	Melting Point	-129.7 ℃	05S0021307	Metal	200 Litre

1.71 Kg.

0.786 Kg.

82.4 °C

-89.5 °C

158 °C 21 °C

Density 1 L =

**Boiling Point** 

**Melting Point** 

Density 1 L =

**Boiling Point** 

**Melting Point** 

#### ortho-Phosphoric Acid 85%, CG

FW. 98.00

05A0009

7664-38-2

FW. 60.10

05S0017

67-63-0



•		
Cat No.	Package	Size
05A0009215	Plastic	35 KG

#### Propan-2-ol, CG

H₃PO₄

Code

CAS-No.

(CH<sub>3</sub>)<sub>2</sub>CHOH

Code

CAS-No.

Cat No.	Package	Size
05S0017206	Plastic	20 Litre
05S0017307	Metal	200 Litre

NaOH	FW. 40.00	CAS-No.	1310-73-2	Cat No.	Dackago	Size
Code	05B0002	Density 1 L =	1.53 Kg.	05B0002210	Package Plastic	30 KG
Sulfuric	Acid 98%, CC	5				
H₂SO₄	FW. 98.08	Density 1 L =	1.84 Kg.	Cat No.	Package	Size
Code	05A0008	Boiling Point	330 °C	05A0008210	Plastic	30 KG
CAS-No.	7664-93-9	Melting Point	-20 °C	03A0008210	FIASUC	50 KC
Tetrahy	drofuran, CG			٢	(!)	
C₄H <sub>8</sub> O	FW. 72.11	Density 1 L =	0.890 Kg.	Cat No.	Package	Siz
Code	05S0020	<b>Boiling Point</b>	65-66 °C	05S0020306	Metal	25 Litr
CAS-No.	109-99-9	Melting Point	-108.5 °C	0550020307	Metal	200 Litr
Toluene	e, CG				(1)	
C₀H₅CH₃	FW. 92.14	Density 1 L =	0.870 Kg.	Cat No.	Package	Size
Code	05S0039	Boiling Point	110.6 °C	05\$0039206	Plastic	20 Litre
CAS-No.	108-88-3	Melting Point	-95 °C	05S0039307	Metal	200 Litre
Trichlor	oethylene, CO	5		<b>(1)</b>		
C₂HCl₃	FW. 131.79	Density 1 L =	1.460 Kg.	Cat No.	Package	Size
Code	05S0040	<b>Boiling Point</b>	87 °C	0550040306	Metal	25 Litr
CAS-No.	79-01-6	Melting Point	-86 °C	0550040307	Metal	200 Litr



#### SALES AND DELIVERY CONDITIONS

#### 1. DEFINITIONS

In these Sales and Delivery Conditions

"The Company" means RCI Labscan group.

"The Customer" means the person, Firm or company who buys or agrees to buy the goods from the company. "The Goods" means the product or materials which the customer buys from the company.

#### 2. GENERAL

- a) These terms and conditions shall apply without variation to every contact entered into by the company for the sale of goods unless a variationt hereto is expressly agreed in writing by the company.
- b) These terms and conditions shall apply notwithstanding any inconsistency among them or with the terms and conditions set forth in any agreement provided by the customers.
- c) All other terms and conditions not contained herein are exppressly excluded unless expressly agreed upon in writing by the company.

#### 3. PRICE

- a) Unless under exception herein, the price of the goods shall be the company's quoted price, which shall bind company provided that the customer accepts the company's quotation within 7 days.
- b) The company may by giving notice to the customer at any time up to 7 days before delivery increases the price of goods to reflect any increase in cost incurred by the company due to factors arising after the making the sales contract which are beyond the reasonable control of the company (include or without Limitation, foreign exchange fluctuations, taxes and manufacturing costs.) Provided that the customer may cancel this contact within 7 days after receiving such notice from the company.
- c) The price in a) is exclusive of V.A.T. which shall be due at the rate ruling on the date of the company's invoice.

#### 4. DELIVERY

- a) Any time or date quoted for delivery of the goods is solely an approximation and the company shall not be liable for any delay in the delivery for whatsoever cause. Time spent for delivery shall not be of essence unless ortherwise prior agreed upon by the company in writing.
- b) If the customer causes the delivery of the goods, in whole or in part, to be delayed. It shall be deemed at the sole risk of the customer and the Customer is responsible for all incurred expenses.
- c) If the company fails to delivery the goods for any reason, other than cause beyond the company's reasonable control or due to the customers' own fault, the company shall be liable to provide the costomer with similar goods at the cheapest price available on the market.

#### 5. PAYMENT

- a) The customer shall pay the company for the goods according to the payment terms states in the invoice issue by the company. Prompt payment is essential.
- b) If for any reason whatsoever payment is not made within due date, the customer shall be liable to pay interest on such amount at the rate of 2% per annum over the MLR rates announced by Thai banks prevailing on that period on the company's banker from time to time force and shall accrue at such a rate after as well as before any judgment obtained.
- c) Failure by the customer to make any payment hereunder within the due date shall entitle the company, at its sale option to cancel or suspend any contract without prejudge to any other rights to the company may have agains the customer.

#### 6. WARRANTIES AND LIABILITIES

The company warrants that the goods at the time of delivery correspond to the description given by the company provided always that the company may, from time to time, without notice to the customer, make alteration to specification of the goods which are required to comply with any applicable safely or statutory requirements or which do not materially affect the quality of fitness for the purpose of the goods. Except where the customer is dealing as a consumer, all other warranties, conditions or terms relating to fitness for purpose, merchant ability on condition of the goods and whether implied by statute of common law otherwise are hereby excluded.

#### 7. CLAIMS

- a) The customer shall inspect the goods on delivery and shall within 7 days of delivery notify the company of all alleged defect, shortage in quantity, damage or failure to comply with the description. The customer shall afford the company an opportunity to inspect the goods within 14 days after delivery and before any use is made of them. If the customer shall fail to comply with the provision, the goods shall be conclusively presumed to be in accordance with the contact and free from any defect or damage which would be apparent on a reasonable examination of goods and the customer shall be deemed to have accepted the goods.
- b) The customer shall notify the company of failure to deliver in whole or in part of the consignment, within 7 days from the date of delivery. Notwithstanding the receipt by the company of such notice, a clear signature on the carrier delivery advice sheet shall be deemed to signify receipt of the goods according to the quantity indicated on the advice sheet.
- c) If the goods are not in accordance with the contract for any reason whatsoever, the customer's sole remedy other than company making goods any shortage by replacing such goods or, is by choosing the option of a refund for the proportional part of the price instead of the replacement.
- d) The company's liability to the customer, whather for any breach of contract or otherwise, shall not in any event exceed the price of the goods and the company shall be under no liability for any direct loss and/or expense or indirect loss and/or expense suffered by the customer or liability to third parties incurred by the customer.

#### 8. CONDITIONS OF PURCHASE

The rights and obligation of the customer shall not be assigned or transferred without the prior written consent of the company.

#### 9. TERMINATION OR SUSPENSION

Without prejudice to any of its rights, the company may terminate the contract, suspend other delivers to the customer in the event that the customer fails to make due payment for any goods or if any distress execution or lagal process shall be levied upon the customer or the customer becomes insolvent or being a body incorporate has passed a resolution for voluntary winding up or subject to a winding up order of the court or a receiver has been appointed.

#### **10.PROPERTY AND RISK**

- a) The goods shall be at the Customer's sole risk as from delivery. In spite of delivery having being made, ownership of the Goods shall not pass from the Company until:
  - 1) The Buyer shall have paid the price plus V.A.T. in full
  - 2) No other sums whatever shall be due from the Customer to Company
- b) Until overship of the goods passes to the customer in accordance with clause a) above, the customer shall hold the goods and each of them on a fiduciary basis for the company the customer shall store the Goods free of cost separately from all other goods in its possession and marked in such a way that they are clearly identified as the company's property.
- c) The company shall be entitled to recover the price (plus V.A.T.) notwithstanding that the ownership in the goods has no left the company.



- d) Until such time which the ownership of the goods passes from the company, the customer shall upon request deliver up the goods to the company. If the customer fails to do so, the company may enter upon the premises owned controlled or occupied by the customer where the goods are repossess the goods.
- e) The customer shall not pledge or in any way place as security for indebtedness, any of the goods which are still the property of the company. Without prejudice to the other rights of the company, if the customer does so all sums whatsoever owing by the customer to the company shall forthwith become due and payable.
- f) The customer shall insure and keep insured to cover the total price of the goods against all risks to reasonably satisfy the company until the date the ownership in goods leaves the company and shall provide the company with a copy of the policy of insurance on request. Without prejudice to the other rights of the company, if the customer fails to do so all sums whatsoever owned by the customer to the company shall forthwith become due and payable.

#### 11. SET OFF AND COUNTERCLAIM

The customer may not withhold payment of any invoice or other payment due to the company by reason of any right of set off or counterclaim which the customer may have or allege to have for any reason whatsoever.

#### 12. MARKING AND PACKING GOODS

The goods shall be marked in accordance with the customer's instruction and all lawful requirement and properly packed and secured for delivery to the customer.

#### **13. INTELLECTUAL PROPERTY**

The specification of the goods (including any intellectual property rights in them) shall, as between the parties, be the property of the company. Where any specification has been supplied by the customer for manufacture by or to the order of the company then the customer warrants that the use of those specification for the manufacturer, processing assembly of supply of the goods shall not infringe the rights of any third party.

#### 14. SEVERANCE

Any provision of this contract which is or may be void or unenforceable shall to the extent of such invalidity or unenforceability, be deemed severable and shall not effect any other provision of this contract.

#### 15. WAIVER

No waiver or forbearance by the company (whether expressed or implied) in enforcing any of its rights under this contract shall prejudice its right to do so in the future.

#### **16. FORCE MAJEURE CLAUSE**

Either party shall be liable for any default due to any act of God, war, strike, lock-out, action, fire, flood, draught, tempest or other event beyond the reasonable control of either party.

#### 17. PROPER LAW OR CONTRACT

This contract is subject to the Law of the Kingdom of Thailand in relation to any contract with RCI Labscan group.

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