



PORTFOLIO
SOLVENTS



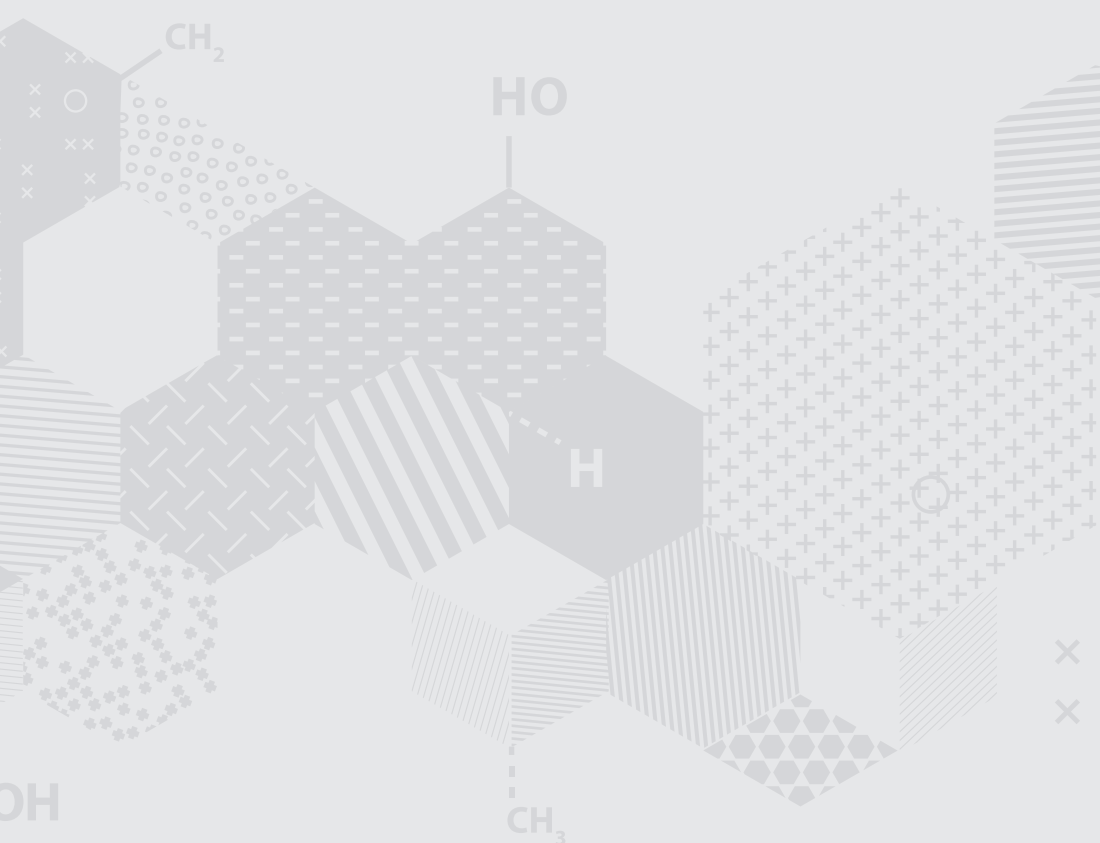
CEPSA

PORTFOLIO SOLVENTS

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SOLVENTS

ALIPHATICS

TYPICAL PROPERTIES

Property	Unit	Method	PETROSOL D HEXANE	PETROSOL D ISOHEXANE	PETROSOL D HEPTANE	PETROSOL D 100/120	CYCLOHEXANE
Density 15°C	kg/l	ASTM D 4052	0.670	0.661	0.696	0.704	0.783
Color Saybolt		ASTM D 6045	+30	+30	+30	+30	+30
Bromine Index	mg Br/100g	ASTM D 2710	<10	<10	<10	<10	<5
Distillation Range	°C	ASTM D 1078					
Initial Boiling Point			64	58	92	97	80
Final Boiling Point			68	62	98	120	81
Aromatics	% wt	GC	<0.005	<0.005	<0.005	<0.010	<0.002
Benzene	% wt	GC	<0.001	<0.005	<0.001	<0.005	<0.002
Sulphur	ppm	ASTM D 4045/5453	<1	<1	<1	<1	<1
Flash Point	°C	ASTM D 56	<0	<0	<0	<0	<0
Aniline Point	°C	ASTM D 611	65	80	70	65	35
Kauri-Butanol value		ASTM D 1133	28.5	27.5	29.0	30.0	56.0
Viscosity 40°C (Kinem.)	cSt	ASTM D 445	0.3531	0.3663	0.4357	0.4936	0.8548
CAS Number*			64742-49-0	64742-49-0	64742-49-0	64742-49-0	110-82-7
CE Number*			925-292-5 (Prov.)	931-254-9	927-510-4 (Prov.)	920-750-0 (Prov.)	203-806-2
REACH Number*			01-2119474209-33-0004	01-2119484651-34-0000	01-2119475515-33-0003	01-2119473851-33-0005	01-2119463273-41-0005

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N - PARAFFINS

TYPICAL PROPERTIES

Property	Unit	Method	PETREPAR n-C10	PETREPAR n-C14	PETREPAR 147
Density @ 15°C	kg/l	ASTM D 4052	0.735	0.767	0.771
Colour Saybolt		ASTM D 156	+30	+30	+30
Bromine Index	mg Br/100g	ASTM D 2710	<10	<10	<10
Distillation Range	°C	ASTM D 1078			
Initial Boiling Point			170	244	257
Final Boiling Point			177	255	273
Aromatics	% wt	UOP 495	0.4	0.008	0.011
Sulphur	mg/kg	ASTM D 5453	≤2	≤2	≤2
Flash Point (Closed Cup)	°C	ASTM D 93	54	110	116
Aniline Point	°C	ASTM D 611	75	90	90
Kauri-Butanol value		ASTM D 1133	26	21.5	20
Pour Point	°C	ASTM D 97	-30	+5	+8
Viscosity @ 25°C (Kinematic)	cSt	ASTM D 445	1.183	2.755	3.184
Viscosity @ 40°C (Kinematic)	cSt	ASTM D 445	0.966	1.933	2.149
CAS Number*			124-18-5	629-59-4	64771-72-8
CE Number*			204-686-4	211-096-0	917-828-1
REACH Number*			01-2119474199-26-0003	01-2119485515-31-0001	01-2119487513-33-0000

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DEAROMATIZED

TYPICAL PROPERTIES

Property	Unit	Method	PETROSOL D 15/20	PETROSOL D 19/22	PETROSOL D 20/26	PETROSOL D 24/27	CEPAREX
Density @ 15°C	kg/l	ASTM D 4052	0.764	0.798	0.811	0.821	0.796
Colour Saybolt		ASTM D 156	+30	+30	+30	+30	+30
Bromine Index	mg Br/100g	ASTM D 2710	<10	<10	<10	<10	<50
Distillation Range	°C	ASTM D 86					
Initial Boiling Point			150	183	192	231	185
Final Boiling Point			184	221	257	260	254
Vapour Pressure @ 20°C	Kpa	Calculated	0.253	0.040	0.020	0.003	0.016
Aromatics	% wt	GC	0.02	0.04	0.10	0.15	0.29
Sulphur	ppm	ASTM D 5453	<1	<1	<1	<1	<1
Flash Point	°C	ASTM D 93	44	65	75	102	69
Aniline Point	°C	ASTM D 611	70	70	70	75	75
Kauri-Butanol value		ASTM D 1133	32	33	30.5	32	28.5
Pour Point	°C	ASTM D 97	<-60	<-60	-56,0	-45	-45.0
Viscosity @ 25°C (Kinem.)	cSt	ASTM D 445	1.125	1.669	2.054	3.214	1.987
Viscosity @ 40°C (Kinem.)	cSt	ASTM D 445	0.9152	1.271	1.596	2.361	1.392
N° CAS*			64742-48-9	64742-48-9	64742-47-8	64742-47-8	64742-47-8
N° EC*			919-857-5 (Prov.)	918-481-9 (Prov.)	926-141-6 (Prov.)	917-488-4 (Prov.)	926-141-6 (Prov.)
N° REACH*			01-2119463258-33-0009	01-2119457273-39-0009	01-2119456620-43-0013	01-2119458943-27-0002	01-2119456620-43-0008

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WHITE SPIRITS

TYPICAL PROPERTIES

Property	Unit	Method	PETROSOL 15A 15/20	PETROSOL 20A 19/22
Density @ 15°C	kg/l	ASTM D 4052	0.777	0.813
Colour Saybolt		ASTM D 156	+30	+30
Bromine Index	mg Br/100g	ASTM D 2710	<150	<200
Distillation Range	°C	ASTM D 86		
Initial Boiling Point			156	184
Final Boiling Point			195	221
Aromatics	% wt	GC	18	20
Flash Point (Closed Cup)	°C	ASTM D 93	44	64
Aniline Point	°C	ASTM D 611	55	55
Kauri-Butanol value		ASTM D 1133	38	37.5
Viscosity @ 25°C (Kinematic)	cSt	ASTM D 445	1.093	1.548
Viscosity @ 40°C (Kinematic)	cSt	ASTM D 445	1.037	1.131
CAS Number*			64742-82-1	64742-82-1
CE Number*			919-446-0 (Prov.)	919-164-8 (Prov.)
REACH Number*			01-2119458049-33-0007	01-2119473977-17-0000

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AROMATICS

TYPICAL PROPERTIES

Property	Unit	Method	PETROSOL 95A 16/18	PETROSOL 95A 18/20	PETROSOL 95A 18/20 ND	PETROSOL 95A TOLUENE	PETROSOL 95A XYLENE
Density @ 15°C	Kg/l	ASTM D 4052	0.875	0.897	0.884	0.872	0.869
Colour Saybolt		ASTM D 156/ 6045	+30	+30	+30	+30	+30
Bromine Index	mg Br/100g	ASTM D 2710	<150	<100	<100	<100	<100
Distillation Range	°C	ASTM D 86					
Initial Boiling Point			158	182	177	110	138
Final Boiling Point			177	209	194	111	140
Naphthalene	% wt	GC		6	0.06		
Aromatics	% wt	GC	99.4	100	99.9	99.9	99.1
Benzene	% wt	GC	<0.01	<0.01	<0.01	<0.01	<0.01
Flash Point (Closed Cup)	°C	ASTM D 93/56	47	66	62	12	31
Aniline Point	°C	ASTM D 611	11	12	13	16	19
Kauri-Butanol value		ASTM D 1133	90	90	95	107	102
Viscosity @ 40°C (Kinem.)	cSt	ASTM D 445	0.7018	0.9602	0.8689	0.6157	0.5077
CAS Number*			64742-95-6	64742-94-5	64742-94-5	108-88-3	Not Existing
CE Number*			918-668-5	919-284-0 (Prov.)	918-811-1 (Prov.)	203-625-9	905-562-9
REACH Number*			01-2119455851-35-0006	01-2119463588-24-0005	01-2119463583-34-xxxx	01-2119471310-51-0010	01-2119488216-32-0007

SOLVENTS

OXYGENATED

TYPICAL PROPERTIES

Property	Unit	Method	ACETONE	METHANOL
Water	% wt	ASTM D 1364	0.26	0.02
Density @ 15°C	kg/l	ASTM D 4052	0.797	0.796
Refractive Index @ 20°C		ASTM D 1218	1.3589	1.3286
Colour Pt-Co Scale		ASTM D 1209	<10	<5
Distillation Range	°C	ASTM D 1078		
Initial Boiling Point			55.8	64.9
Final Boiling Point			56.2	65.3
Purity	% wt	GC	99.7	99.9
Flash Point (Closed Cup)	°C	ASTM D 56	<0	10
Viscosity @ 25°C (Kinematic)	cSt	ASTM D 445	0.3522	0.7026
Acidity (as Acetic Acid)	ppm	ASTM D 1613	<10	11
CAS Number*			67-64-1	67-56-1
CE Number*			200-662-2	200-659-6
REACH Number*			01-2119471330-49-0016	01-2119433307-44-xxxx





PORTFOLIO
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A wide range of solvents with multiple applications:

Aliphatics: Non-smelling paints, adhesives, wood treatments, printing inks, tires, cosmetics, and pharmaceuticals.

White Spirits: Adhesives, paints, lacquers, varnishes, cleaning products, bleachers, and inks.

N-Paraffins: printing inks, degreasing agents, herbicides and insecticides, metalworking and drilling oil.

Aromatics: Paints, resins, adhesives, sealants, insecticides, pharmaceuticals.

Dearomatized fluids: non-smelling paints, adhesives, degreasing agents, dry cleaning, air fresheners.

Oxygenated solvents: Pharmaceuticals, cosmetics, gasoline additives, anti-freeze.





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