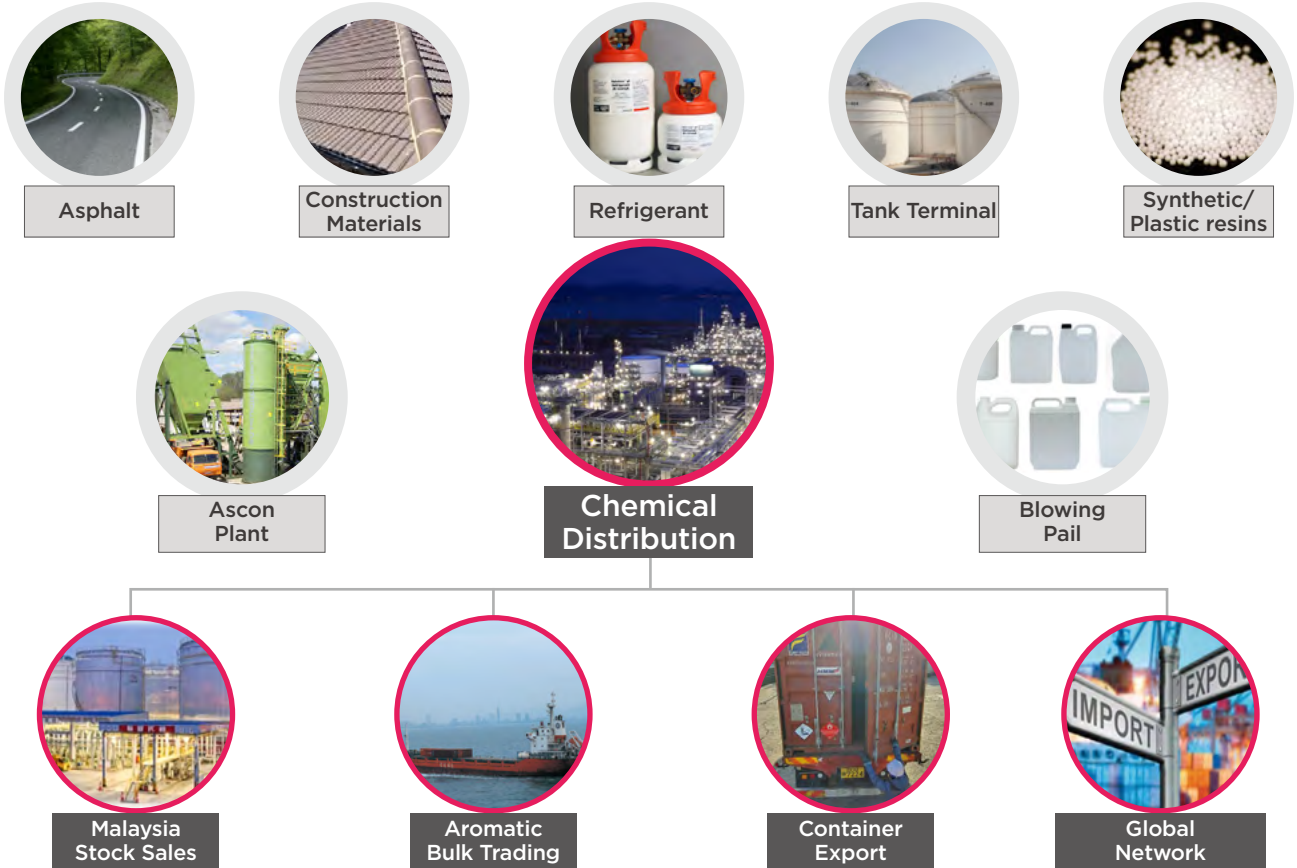


KOREA PETROLEUM INDUSTRIES COMPANY

Chemical Products



Main Business



Established in 1964	10 Subsidiary Companies	Sustainable Development
Diverse High-quality products	Overseas Business Enlargement	Listed Company On the Korean Stock Market

Korea Petroleum Industries Company was established in 1964 with the production of blown asphalt. Korea Petroleum Industries Company has continually grown and expanded by supplying a diverse range of products from blown asphalt to construction materials (waterproofing), and currently actively playing a role in the global market with an extensive range of petrochemical products

Korea Petroleum Industries Company mainly performs with SK Global Chemical and works with many other prominent petrochemical suppliers such as YNCC, GS GALTEX, LG CHEM, LOTTE CHEM.

In 2010, an overseas subsidiary office was established in Malaysia focusing on Aromatic Solvent Stock Business as the Korea Petroleum SDN. BHD. The experiences gained has become a solid foundation for future expansions for overseas sales.

With many years of experience in overseas market, we have been diversified from Asia to South West Asia, Middle East, Africa, and Europe.

To meet the specific demands of our customers, we maintain numerous trading channels globally, sourcing only the highest quality and reasonably priced materials.

Korea Petroleum Industries Company aims to become the best trade partner assuring to provide the optimum solutions required by our customers.

Chemical Sales Market & P.I.C



📍 KP Offices
📍 Sales Channel
📍 Joint Venture

Korea (HQ)

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Malaysia (Korea Petroleum SDN. BHD)

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Vietnam (Vietnam Rep. Office)

Name	Tel	Email
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Aromatics / Heavy Aromatics

Product Description

Heavy Aromatic products, K-100/150/200 are aromatic solvents with high boiling points and excellent solubility. These solvents are also applied for requiring high temperature reactions

Applications

Paints, Thinner, Agriculture chemicals (Insecticide, Pesticide)

Typical Data

Products	Purity (vol%)	Distillation Range (°C)	Specific Gravity	Aniline Point (°C)	Flash Point (°C)	Napthalene vol(%)	Color (Saybolt)
BENZENE	99.9	79.5-80.5	0.883	-	<0	-	+30
TOLUENE	99.8	110-111	0.869	(9)	4	>99.90	+30
MIXED XYLENE	98.0	138-141	0.871	(10)	26	99.90	+30
K-100	99.9	159-176	0.873	(14)	42	99.20	+30
K-150	99.9	178-214	0.888	(15)	60	99.80	+30
K-200	99.9	233-271	0.992	(13)	102	99.80	+28



Naphthenes

Product Description

Korea Petroleum Industries Company offers C5, C6 type Naphthenes solvents that have excellent solvency for resin. They have great foaming ability due to their low-temperature distillation range

Applications

Cyclopentane : Blowing agent, System house

Cyclohexane : Pharmaceutical, Polymerization, Ink, Adhesive

Methyl Cyclohexane : Paint, Ink, Adhesive, Coating, Correction fluid

Ethyl Cyclohexane : Cleaning electrical component

Typical Data

Products	Purity Wt (%)	Distillation Range (°C)	Flash Point (°C)	Specific Gravity	Aromatic Content (vol%)	Total Sulfur wt ppm	Color
CYCLOPENTANE	Min. 95	48-49	<0	0.745	1	0.1	5
CYCLOHEXANE	Min. 99.8	80-81	<0	0.782	0	0.3	5
METHYL CYCLOHEXANE(MCH)	Min. 99	100-101	3	0.774	0	0.1	5
ETHYL CYCLOHEXANE(ECH)	Min. 99	130	15	0.792	0	0.1	5



Light Aliphatics

Product Description

Light aliphatic solvents are Normal Chain Type Saturated Hydrocarbon Solvents with low distillation range

Applications

Polymerization Solvent, Extraction Solvent, Cleaning Solvent
Adhesive, Tape, Blowing agents of EPS

Typical Data

Products	Distillation Range	Flash Point (°C)	Evaporation Rate	Specific Gravity	Aromatic Content, wt ppm	Total Sulfur (wt ppm)	Color	Composition wt %
N-HEXANE(40%)	Min.58	-22	Max.70	Reported			+30	N-Hexane: Min.40
N-HEXANE(50%)	Min.64-70	-22	Max.70	Reported			+30	N-Hexane: Min.50
N-HEXANE(63%)	Min.66	-22	Max.70	Reported			+30	N-Hexane: Min.63
HEPTANE	93-97	<0	380	0.71	-	0.1	+30	-
SK-SOL 7*	90~96	-4	40	0.72	0	0.1	+30	-

* SK-SOL 7 : Formerly known as Heptane S or SK330



De-Aromatized Solvents

Product Description

De-aromatized solvents YK-D40/70/80/80N/100/110/130 have under 0.1 vol % low aromatic contents, which are more environmentally friendly

Applications

Cleaning agent, Metal working, Ink, Aerosol, Silicon sealant,
Rust prevent oil, Industrial oil, Rolling oil

Typical Data

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity 60/60F	Viscosity at 25 °C, cSt (at 40 °C)	Aniline Point(°C)	Aromatic content (vol%)	Total Sulfur (wt ppm)	Color (Saybolt)
YK-D40	155-195	40	0.790	1.21 (1.13)	62	<0.1	0.1	+30
YK-D70	199-222	72	0.818	-	66	<0.1	0.1	+30
YK-D80	210-243	76	0.820	2.24 (1.86)	67	<0.1	0.1	+30
YK-D80N	220-280	80	0.827	2.85 (2.14)	71	<0.1	0.1	+30
YK-D100	235-262	105	0.830	3.26 (2.50)	76	<0.1	0.1	+30
YK-D110	263-280	124	0.839	4.7 (3.43)	79	<0.1	0.1	+30
YK-D130	279-297	138	0.841	-(4.43)	85	<0.1	0.1	+30



De-Sulfurized Solvents

Product Description

SK global chemical's de-sulfurized solvents have under 5 ppm low sulfur contents. These products are categorized by various distillation ranges



Applications

Cleaning agent, Paint, Ink

Typical Data

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity 60/60F	Viscosity (at 40°C, cSt)	Aniline Point (°C)	Aromatic content (vol%)	Pour Point (°C)	Color (Saybolt)
YK-MD40	160-205	42	0.790	0.981	52	15.50	Max-60	+30
YK-2831	282-312	142	0.850	4.336	77	10.80	-27	+30

Iso Paraffins

Product Description

Iso-Paraffins are branched-chain-type-products. They have almost zero percent aromatic content, which are less harmful to human body



Applications

Metal working oil, LDPE Process solvent, Solvent for Water purifier filter, Cleaner, Pesticide

Typical Data

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity 60/60F	Viscosity (at 40°C, cSt)	Aniline Point (°C)	Aromatic content (vol%)	Pour Point (°C)	Color (Saybolt)
SK-ISOL G	158-177	40	0.744	1.134	84	0	-60 ↓	+30
SK-ISOL H	180-187	55	0.758	1.457	86	0	-60 ↓	+30

High Purity Hydrocarbons

Product Description

SK's High-Purity-Hydrocarbons consist of normal chain type C6 or C7 H/C with purity grades ranging from 95% up to 99.8%.

These high quality products are produced from SK's self-developed high-fidelity refining process that is capable of complete separation and refinement of complicated structural isomers.



Applications

Pharmaceutical products, Laboratory Reagents, Electric Device Cleaner



Typical Data

Products	Purity (wt %)	Distillation Range (°C)	Specific Gravity (60/60°F)	Aromatic Contents (wt ppm)	Total Sulfur (wt ppm)	Color (Saybolt)	Refractive Index
High Purity Normal Hexane	Min. 95.0	68-69	0.664	<50	<1	+30	1.375
High Purity Normal Hexane Pure Grade	Min. 99.0	68-69	0.664	<10	<1	+30	1.375
High Purity Normal Heptane	Min. 98.0	98-99	0.688	<50	<1	+30	1.388
High Purity Normal Heptane Pure Grade	Min. 99.2	98-99	0.688	<10	<1	+30	1.388

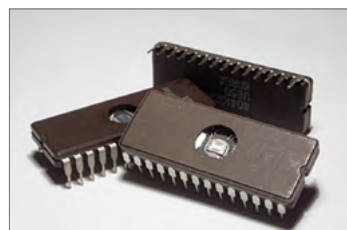
Oxygenated Chemicals

Product Description

BDO has been used as a feedstock of high-quality end products. Aligned with the fact that the end-products develop its specification, BDO keeps upgraded every moment.

Applications

PTMEG(Spandex Raw Materials)
 PBT(Engineering Plastics)
 PU(Poly Urethane)
 GBL/NMP Production, Coating Solvent



Typical Data

Products	Purity (wt %)	Distillation Range (°C)	Flash Point (°C)	Moisture Content (wt ppm)	Carbonyl Number (mg KOH/g)	Specific Gravity (60/60°F)	Color	Appearance
1,4-BDO	Min. 99.5	228	-	Max 200	Max 0.1	1.02	Max 10(APHA)	Clear
Cyclohexanone	Min. 99.8	152-160	47	-	-	0.9460	+30(Saybolt)	Clear

Products	Purity (wt %)	Moisture Content (wt ppm)	Specific Gravity (60/60°F)	GBL Content (wt %)	Color (Hazen)	Appearance
NMP-Industrial Grade	Min. 99.8	Max 500	1.03	Max 0.1	Max 25	Clear
NMP-Electronic Grade 1	Min. 99.9	Max 200	1.03	Max 0.05	Max 20	Clear
NMP-Electronic Grade 2	Min. 99.9	Max 100	1.03	Max 0.05	Max 15	Clear
THF(Tetra Hydro Furan)	Min. 99.9	Max 100	0.888	-	Max 10(APHA)	Water-white Liquid

Bitumen

Main Supplier

SK Energy (Located in Ulsan, Korea)

Product Description

Bitumen is a mixture of organic liquids that are highly viscous, black, sticky, entirely soluble in carbon disulfide and composed primarily of highly condensed polycyclic aromatic hydrocarbons.

Bitumen is primarily used for paving roads. Its other uses are for Bituminous waterproofing products, including the use of bitumen in the production of roofing felt and for sealing flat roofs.



Packing

In Drum (200kg)

Grade & Specification

Grade	Softening Point (°C)	PN	Flash Point (°C, Min)	Ductility (°C, Min)	Application
Bitumen 80/100	40-50	80-100	260	100	Road Paving, Waterproofing Materials etc.
Bitumen 60/80	40-50	60-80	260	100	

Other Trading Items

Base Oil • White Oil • Wax

Products (Virgin)	Viscosity Index	Pour Point (°C)	Flash Point (°C)	Water Content (mg/kg)	Acid Number (mg KOH/g)	Color / Appearance	Application	Origin
Base Oil II 70N	Min 70	Max 30	Min 165	Max 50	Max 0.05	ASTM Color L0.5	Lubricant	Taiwan Singapore
Base Oil II 150N	Min 105	Max 15	Min 210	Max 100	Max 0.05	ASTM Color L0.5		
Base Oil II 500N	Min 95	Max 12	Min 230	Max 100	Max 0.06	ASTM Color L0.5		

Products (Re-refined)	Kinematic Viscosity (cSt)	Pour Point (°C)	Flash Point (°C)	Water Content (mg/kg)	Acid Number (mg KOH/g)	Color / Appearance	Application	Origin
Re Base Oil SN150	Min 109	Max -6	Min 200	Max 100	Max 0.03	Clear & Bright	Lubricant	Australia
Re Base Oil SN300	Min 115	Max -6	Min 200	Max 100	Max 0.03	Clear & Bright		

Products	Kinematic Viscosity cSt 40°C	Pour Point (°C)	Flash Point (°C)	Specific Gravity	Color / Appearance	Application	Origin
WHITE Oil 380N	65-80	<-9	256	0.868	Clear & Bright	(Or liquid paraffin) Cosmetic oils, Food and Industrial Additives	Taiwan S.Korea
WHITE Oil 70	12.3	-27.5	198	0.831	Clear & Bright		
WHITE Oil 150	29.34	-15	236	0.84	Clear & Bright		
WHITE Oil 350	67.89	-15	260	0.867	Clear & Bright		
WHITE Oil 500	95.21	-15	262	0.875	Clear & Bright		

Products	Kinematic Viscosity cSt, 100°C	Drop Melting Point (°C)	Flash Point (°C)	Specific Gravity (15/4°C)	Penetration (25°C, 100G, 5SEC)	Oil Content (WT%)	Application	Origin
Microstallin Wax (#160)	7 - 15	65.5 - 76.6	Min 200	0.82 - 0.84	Max 130	Max 10.0	Wax Compound	China, S.Korea
Microstallin Wax (#170)	15 - 23	76.6 - 85.0	Min 200	0.84 - 0.87	Max 100	Max 5.0		

Products	Viscosity (mPa.s) 0.2%	Solution Clarity (%) 0.2%	Residual Benzene %	Residual Arcylic Acid %	Loss on Drying	Bulk density (g/100ml)	Application	Origin
Carbomer 940	19000-35000	Min 85	Max 0.50	Max 0.25	Max 2	19.5-23.5	Gels	China

Alcohol

Products	Purity (wt%)	Specific Gravity (20°C/ 20°C)	Acidity (wt%, Acetic Acid)	Moisture (wt ppm)	Non-Volatile Matter (mg / 100ml)	Color (APHA)	Application	Origin
Isopropyl Alcohol (IPA)	Min 99.50	0.785-0.787	Max 0.001	Max 1500	Max 1	Max 10	Industrial Solvent Sanitziers	Taiwan, China
N-Propanol (NPA)	Min 99.50	0.804	Max 0.002	Max 1500	Max 1	Max 5		

Products	Purity (Vol%)	Acetaldehyde (wt%)	Acidity (wt%)	Methanol (wt%)	Acetal (wt%)	Color (Pt-Co scale)	Application	Origin
Ethyl Alcohol 98%	98%	Max 0.2	Max 0.003	Max 0.015	Max 0.1	Max 10	Solvent, Sanitziers	China, S.Korea

Monomer & Ethylene Glycol

Products	Purity (wt %)	Polymer (wt ppm)	Sulfur (wt ppm)	Aldehyde (wt ppm)	Peroxide (wt ppm)	Color (Pt-Co Scale)	Application	Origin
SM	Min 99.6	Max 10	Max 10	Max 200	Max 100	10	PS, EPS, ABS, Latex	S.Korea, Taiwan

Products	Specific Gravity @ 20/20°C	MEG Content (wt%)	DEG Content (wt%)	Water Content (wt%)	Distillation @ 760 mmHg	Ash (wt ppm)	Application	Origin
MEG	1.1151-1.1156	Min 99.9	Max 0.02	Max 0.02	196-199	Max 10	Resin, Dyes, Inks Antifreeze	Malaysia, Taiwan
DEG	1.1175-1.1195	Max 0.05	Min 99.8	Max 0.1	242-250	Max 50		

Ketone

Products	Purity (wt %)	Distillation Range	Acidity (Acetic acid, wt%)	Water, wt% max.	Color	Appearance	Application	Origin
ACETONE	Min 99.5	1°C include 56.1°C	0.002	0.5	5	Clear liquid	Solvents	S.Korea, Taiwan
Products	Purity (wt %)	Distillation Range	Density (20°C Kg/L)	Nonvolatile Matter Mg/100Ml	Color (Hazen)	Appearance	Application	Origin
MEK	Min 99.5	78.5-81.0	0.8040-0.8060	Max 5	Max 10	Clear liquid	Solvents	Taiwan, China
Products	Purity (wt %)	Distillation Range	Density (20°C, g/ml)	Acidity (Acetic acid, wt%)	Flash point (°C)	Appearance	Application	Origin
MIBK	Min 99.5	Min IBP 114.0	0.799-0.802	Max 0.002	18	Clear liquid	Solvents	S.Korea, Taiwan

PE • PP

Products	Product line	Application	Origin
Polyethylene (PE)	HDPE, LLDPE, Metallocene	Film, Injection, Pipe, Blow	S.Korea, Taiwan
Polypropylene (PP)	H-PP, CO-PP, R-PP	Injection : Home Appliances, Automotive, Case Yarn : Wooven Bag	S.Korea
PET	A-PET, G-PET	Bottle, Sheet, Cosmetic	S.Korea
OTHERS	PS, PC	Home Appliances, Automotice, Optical Lenses, Furniture	S.Korea

ABS

Products	Features	Application	Origin
ABS	Antistatic, High Fluidity, Painting, High melt flow index, Weather resistance	Helmet, Pipe, Vacuum Cleaner, Washing Machine, Toy etc.	S.Korea

Plasticizer

Products	Acid Value (KOH mg/g)	Color (APHA Pt-Co)	Heating Loss (125°C, 3hr, wt%)	Refractive Index (n _{25/D})	Specific Gravity (20/20°C, g/cm ³)	Vol Resistivity (Ω·cm, 30°C)	Application	Origin
DOP	Max 0.02	Max 18	Max 0.06	1.4853±0.003	0.9863±0.003	Min 4X10 ¹¹	Plasticizer	S.Korea, China
DOTP	Max 0.03	Max 15	Max 0.10	1.4903±0.003	0.9833±0.003	Min 4X10 ¹¹	Plasticizer	S.Korea, China
DBP	Max 0.03	Max 20	Max 0.30	1.4913±0.003	1.0483±0.003	Min 3X10 ⁹	Plasticizer	S.Korea, China
DINP	Max 0.02	Max 20	Max 0.06	1.4843±0.003	0.9763±0.003	Min 5X10 ¹¹	PVC Leather, Film	S.Korea
DOA		Max 15	Max 0.10	1.4463±0.003	0.9273±0.003	Min 5X10 ¹¹	PVC Leather, Film	S.Korea

Others

Products	pH	Freezing Point (°C)	Flash Point (°C)	IBP (°C)	Odour	Appearance	Application	Origin
CAPROLACTAM	7-8.5	69.3	125	270.8	Faint odor	Flake/Molten	Raw for Polyamide6	Thailand
Products	Density (20°C, g/cm ³)	Boiling range	Purity (%)	Water (%)	Acidity (Acetic acid, mg/kg)	Acetone (mg/kg)	Application	Origin
ACETONITRILE	0.781-0.784	81.0-82.0	Min 99.9	Max 0.03	Max 50	Max 25	Pharma/Industrial	China
Products	Specific Gravity (20°C, g/cm ³)	Acidity (Acetic acid, wt%)	Water Content (wt%)	Distillation Range (°C)	1Methoxy2propanol wt%	2Methoxy1propanol wt%	Application	Origin
PM	0.918-0.924	Max 0.01	Max 0.1	117-125	Min 99.5	Max 0.3	Industrial Solvents	Taiwan, China
Products	Specific Gravity (20°C, g/cm ³)	Acidity (Acetic acid, wt%)	Water Content (wt%)	Distillation Range (°C)	1Methoxy2propanol wt%	2Methoxy1propanol wt%	Application	Origin
PMA	0.965-0.975	Max 0.02	Max 0.05	143-149	Min 99.5	Max 0.5	Industrial Solvents	Taiwan, China
Products	DMA (mg/kg)	Methanol (mg/kg)	Water (mg/kg)	Iron (mg/kg)	Acidity (Acetic acid, mg/kg)	Color (Hazen)	Application	Origin
DMF	Max 10	Max 20	Max 300	Max 0.05	Max 10	Max 10	Industrial Solvents	China
Products	Purity (%)	Chroma (APHA)	Water content (%)	Residue on Evaporation	Acidity (HCL)	Apperance	Application	Origin
MC	Min 99.95	Max 10	Max 0.01	Max 0.0015%	Max 0.0004%	Clear & Liquid	Industrial Solvents	China

Performance Chemical at a glance

Aromatics

Products	Purity (vol%)	Distillation Range (°C)	Flash Point (°C)	Evaporation Rate (n-BuAC=100)	Specific Gravity (60/60°F)	Sulfur Compound	Color (Pt-Co)
Benzene	99.9	79.5-80.5	<0	376	0.883	Max 1	5
Toluene	99.8	110-111	4	200	0.869	Max 1	5
Xylene Mixture	84-85	138-142	26	75	0.871	Max 1	5

Heavy Aromatics

* ULN: Ultra Low Naphthalene

Products	Purity (vol%)	Distillation Range (°C)	Flash Point (°C)	Specific Gravity (60/60°F)	Mixed Aniline Point (°C)	Color (saybolt)	Naphthalene (vol%)	Durene (vol%)
Kocosol-100	99.9	155-188	42"	0.86-0.88	13	+30	-	-
Kocosol-150	99.9	174-215	55"	0.88-0.90	17	+30	< 7	13-17
Kocosol-150ULN*	99.9	174-205	55"	0.88-0.90	17	+30	0.1	< 8
Kocosol-200	99.9	220-285	95^	0.975-0.995	15	+30	< 7	-

Naphthenes

Products	Purity Wt (%)	Distillation Range (°C)	Flash Point (°C)	Specific Gravity (60/60°F)	Aromatic Content (wt ppm)	Total Sulfur (wt ppm)	Color (Pt-Co)
Cyclopentane	Min. 95	48-49	< 0	0.745	1	0.1	5
Cyclohexane(CHX)	Min. 99.8	80-81	< 0	0.782	0	0.3	5
Methyl Cyclohexane(MCH)	Min. 99	100-101	3	0.774	0	0.1	5
Ethyl Cyclohexane(ECH)	Min. 99	130	15	0.792	0	0.1	5

Aliphatics*

* Total Sulfur(wt ppm): 0.1

Products	Distillation Range (°C)	Flash Point (°C)	Evaporation Rate (n-BuAC=100)	Specific Gravity (60/60°F)	Color (saybolt)	Composition (wt %)
N-Hexane(40%)	Min.58	-22	Max. 70	Reported	+30	40%
N-Hexane(50%)	Min.64-70	-22	Max. 70	Reported	+30	50%
N-Hexane(63%)	Min.66	-22	Max. 70	Reported	+30	63%
Heptane	93-97		380	0.71	+30	Normal Heptane: 27

De-Aromatized Solvents*

* Total Sulfur(wt ppm): 0.1 °: ASTM D56(TCC) ^: ASTM D93(PMCC)

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity (60/60°F)	Viscosity (40°C, cSt)	Aniline Point (°C)	Aromatic Contents (vol%)	Pour Point (°C)	Color (saybolt)
YK-D40	155-195	40"	0.790	1.024	62	< 0.1	Max-60	+30
YK-D70	199-222	72"	0.818	1.494	66	< 0.1	Max-60	+30
YK-D80	210-243	76"	0.820	1.597	67	< 0.1	Max-60	+30
YK-D80N	220-280	80"	0.827	2.140	71	< 0.1	Max-60	+30
YK-D100	235-288	105^	0.830	2.360	76	< 0.1	-57	+30
YK-D110	263-280	124^	0.839	3.407	79	< 0.1	-41	+30
YK-D130	277-312	138^	0.841	4.470	85	< 0.1	-27	+30

De-Sulfurized Solvents*

* Total Sulfur(wt ppm): Max 5

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity (60/60°F)	Viscosity (40°C, cSt)	Aniline Point (°C)	Aromatic Contents (vol%)	Pour Point (°C)	Color (saybolt)
YK-MD40	160-205	42"	0.790	0.981	52	15.50	Max-60	+30
YK-2831	282-312	142^	0.850	4.336	77	10.80	-27	+30

ISO-Paraffins*

* Total Sulfur(wt ppm): 0.1

Products	Distillation Range (°C)	Flash Point (°C)	Specific Gravity (60/60°F)	Viscosity (40°C, cSt)	Aniline Point (°C)	Aromatic Contents (vol%)	Pour Point (°C)	Color (saybolt)
SK-ISOL G	158-177	40"	0.744	1.134	84	0	Max-60	+30
SK-ISOL H	180-187	55"	0.758	1.457	86	0	Max-60	+30

High Purity Hydrocarbons

Products	Purity (wt %)	Distillation Range (°C)	Specific Gravity (60/60°F)	Aromatic Contents (wt ppm)	Total Sulfur (wt ppm)	Color (saybolt)	Refractive Index
High Purity Normal Hexane	Min 95.0	68-69	0.664	< 50	< 1	+30	1.375
High Purity Normal Hexane Pure Grade	Min 99.0	68-69	0.664	< 10	< 1	+30	1.375
High Purity Normal Heptane	Min 98.0	98-99	0.688	< 50	< 1	+30	1.388
High Purity Normal Heptane Pure Grade	Min 99.2	98-99	0.688	< 10	< 1	+30	1.388

Oxygenated Solvents

Products	Purity (wt %)	Distillation Range (°C)	Flash Point (°C)	Moisture Content (wt ppm)	Carbonyl Number (mg KOH/g)	Specific Gravity (60/60°F)	Color	Appearance
1,4-BDO	Min 99.5	228	-	Max 200	Max 0.1	1.02	Max 10(APHA)	Clear
Cyclohexanone	Min 99.8	152-160	47*	-	-	0.9460	+30(Saybolt)	Clear

Others

* NMP: N-Methyl-2-Pyrrolidone

Products	Purity (wt %)	Moisture Content (wt ppm)	Specific Gravity (60/60°F)	GBL Content (wt %)	Color (Hazen)	Appearance
NMP* - Industrial Grade 2	Min 99.8	Max 500	1.03	Max 0.1	Max 25	Clear
NMP - Electronic Grade 1	Min 99.9	Max 200	1.03	Max 0.05	Max 20	Clear
NMP - Electronic Grade 2	Min 99.9	Max 100	1.03	Max 0.05	Max 15	Clear
THF(Tetra Hydro Furan)	Min 99.9	Max 100	0.888	-	Max 10(APHA)	Water-white Liquid

Product Information

Products	CAS	HS Code	Status	Drum		ISO TK (±5%)
				KG/DR	MT/20FT CTN	
Benzene	71-43-2	2902-20-0000	DG	177 KG	14.16 MT	20.0 MT
Toluene	108-88-3	2902-30-0000	DG	174 KG	13.92 MT	19.0 MT
Xylene Mixture	Refer to MSDS	2707-30-0000	DG	174 KG	13.92 MT	19.0 MT
Kocosol-100	64742-95-6	2707-50-0000	DG	175 KG	14.00 MT	19.0 MT
Kocosol-150/150W	64742-94-5	2707-50-0000	DG	178 KG	14.24 MT	20.00 MT
Kocosol-150ULN/ND	64742-94-5	2707-50-0000	DG	178 KG	14.24 MT	20.00 MT
Kocosol-200	64742-94-5	2707-50-0000	DG	198 KG	15.84 MT	20.00 MT
Kocosol-200S	64742-94-5	2707-50-0000	DG	200 KG	16.00 MT	21.20 MT
Kocosol-200ND	64742-94-5	2707-50-0000	DG	198 KG	15.84 MT	21.20 MT
Cyclopentane	287-92-3	2902-19-9000	DG	148 KG	11.84 MT	17.0 MT
Cyclohexane(CHX)	110-82-7	2902-11-0000	DG	156 KG	12.48 MT	16.5 MT
Methyl Cyclohexane(MCH)	108-87-2	2902-19-9000	DG	155 KG	12.40 MT	17.0 MT
Ethyl Cyclohexane(ECH)	1678-91-7	2902-19-9000	DG	158 KG	12.64 MT	X
N-Hexane	Refer to MSDS	2901-10-2000	DG	135 KG	10.80 MT	15.0 MT
Heptane	Refer to MSDS	2901-10-3000	DG	140 KG	11.20 MT	15.0 MT
SK-SOL 7	Refer to MSDS	2710-12-9000	DG	140 KG	11.20 MT	15.0 MT
YK-D40	64742-47-8	2710-19-9000	DG	156 KG	12.48 MT	X
YK-D70	64742-47-8	2710-19-9000	NONDG	164 KG	13.12 MT	22.0 KL
YK-D80	64742-47-8	2710-19-9000	NONDG	162 KG	12.96 MT	19.0 MT
YK-D80N	64742-47-8	2710-19-9000	NONDG	164 KG	13.12 MT	19.0 MT
YK-D100	64742-47-8	2710-19-9000	NONDG	164 KG	13.12 MT	17.5 MT
YK-D110	64742-46-7	2710-19-9000	NONDG	166 KG	13.28 MT	18.1 MT
YK-D130	64742-46-7	2710-19-9000	NONDG	166 KG	13.28 MT	19.2 MT
YK-MD40	64742-82-1	2710-19-9000	DG	160 KG	12.96 MT	X
YK-2831	64742-80-9	2710-19-9000	NONDG	166 KG	13.28 MT	18.5 MT
SK-ISOL G	64742-48-9	2710-19-9000	DG	149 KG	11.92 MT	16.8 MT
SK-ISOL H	64742-48-9	2710-19-9000	DG	152 KG	12.16 MT	17.0 MT
High Purity Normal Hexane	110-54-3	2901-10-2000	DG	132 KG	10.56 MT	15.0 MT
High Purity Normal Heptane	142-82-5	2901-10-3000	DG	137 KG	10.96 MT	15.0 MT
1,4-BDO	110-63-4	2905-39-1000	NONDG	200 KG	16.00 MT	22.00 MT
Cyclohexanone	108-94-1	2914-22-1000	DG	190 KG	15.20 MT	21.0 MT
THF	109-99-9	2932-11-0000	DG	180 KG	14.40 MT	20.5 MT
NMP	872-50-4	2933-79-9000	NONDG	200 KG	16.00 MT	20.0 MT

* X = Not Available



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