

Isopar™

Exxsol™

Solvesso™

ExxonMobil

Typical properties 2024
Asia Pacific portfolio

Fluids at a glance





Paints & Coatings Oilseed Extraction
Water Treatment Drilling Fluids Fuels & Lube Additives
Cosmetic & Personal Care Mining
Tire Manufacturing Household Pesticides
Polymerization Cleaning Agriculture Pesticides
Hydraulic Fracturing PVC Applications Printing Applications
Metalworking Oilfield Chemicals Adhesive & Mastics

Fluids at a glance

Typical Properties 2024 - Asia Pacific



Hydrocarbon fluids All hydrocarbon fluids typically contain lower than 1ppm sulfur and benzene		Distillation range °C		Flash point	Density at 15°C	Evaporation rate	Vapor pressure at 20°C (ExxonMobil method/ ESIG tool^)	Aromatic content	Aniline point/mixed aniline point^	Kinematic viscosity at 25°C	Kinematic viscosity at 40°C	Color Saybolt/ASTM scale^	Refractive index at 20°C	CAS number	Fluids	Exposure limits		GHS Classification & Labeling - AP generic (non-country specific)						
		IBP	DP / FBP^	°C	kg/dm³	n-BuAc = 100	kPa	wt%	°C	mm²/s	mm²/s					Occupational exposure limit OEL (RCP-TWA) mg/m³	Vapor hazard ratio at 20°C (calculated*)	Hazard Categories	Hazard statements	Label pictogram and signal word				
Isoparaffins	Isopar C	98	104	< 0	0.699	380	4	0.002	79	0.73	0.63	+30	1.393	64741-66-8	Isopar C	1400	149	Flam. liquid 2; Asp tox. 1; Skin irr. 2; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H225; H304; H315; H336; H411					Dgr
	Isopar E	115	140	7	0.723	170	2	0.002	73	0.87	0.74	+30	1.405	64741-66-8	Isopar E	1200	80	Flam. liquid 2; Asp tox. 1; Skin irr. 2; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H225; H304; H315; H336; H411					Dgr
	Isopar G	165	175	45	0.748	16	0.2	0.001	84	1.49	1.20	+30	1.418	64742-48-9	Isopar G	1200	9	Flam. liquid 3; Asp tox. 1; Skin irr. 3; Aquatic chronic 2	H226; H304; H316; H411					Dgr
	Isopar H	178	189	55	0.758	7.3	0.1	0.001	85	1.78	1.41	+30	1.423	64742-48-9	Isopar H	1200	4	Flam. liquid 3; Asp tox. 1; Skin irr. 3	H226; H304; H316					Dgr
	Isopar L	185	198	65	0.765	4.2	0.04	0.003	81	1.58	1.26	+30	1.426	64742-48-9	Isopar L	1200	2	Flam. liquid 4; Aspiration tox. 1	H227; H304					Dgr
	Isopar M	228	254	97	0.786	0.3	0.003	0.006	93	4.22	3.02	+30	1.437	64742-47-8	Isopar M	1200	< 1	Aspiration tox. 1	H304					Dgr
Dearomatized	Exxsol Isopentane S	27	29	< 0	0.624	6100	78	< 0.001	N/A	0.32	N/A	+30	1.354	78-78-4	Isopentane S	1000	2304	Flam. liquid 1; Asp tox. 1; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H224; H304; H336; H411					Dgr
	Exxsol Hexane	66	69	< 0	0.678	1400	18	< 0.001	64	0.46	0.41	+30	1.380	64742-49-0	Exxsol hexane	300	2099	Flam. liquid 2; Asp tox. 1; Skin irr. 2; STOT SE 3 (narcosis); Repr.2; STOT RE 2; Aquatic acute 2; Aquatic chronic 2	H225; H304; H315; H336; H361; H373; H411					Dgr
	Exxsol Heptane	94	99	< 0	0.695	490	6	0.002	69	0.61	0.53	+30	1.390	64742-49-0	Exxsol heptane	1600	152	Flam. liquid 2; Asp tox. 1; Skin irr. 2; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H225; H304; H315; H336; H411					Dgr
	Exxsol DSP 80/100	87	102	< 0	0.736	590	7	< 0.001	52	0.69	0.60	+30	1.406	64742-49-0	Exxsol DSP 80/100	1000	292	Flam. liquid 2; Asp tox. 1; Skin irr. 2; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H225; H304; H315; H336; H411					Dgr
	Exxsol DSP 145/160	146	157	33	0.764	38	0.4	0.002	65	0.99	0.84	+30	1.423	64742-48-9	Exxsol DSP 145/160	1200	20	Flam. liquid 3; Asp tox. 1; Skin irr. 3; STOT SE 3 (narcosis); Aquatic acute 3; Aquatic chronic 3	H226; H304; H316; H336; H412					Dgr
	Exxsol D40	171	190	50	0.779	9.7	0.1	< 0.001	69	1.33	1.08	+30	1.430	64742-48-9	Exxsol D40	1200	5	Flam. liquid 3; Asp tox. 1; Skin irr. 3; STOT SE 3 (narcosis)	H226; H304; H316; H336					Dgr
	Exxsol D60	185	217	66	0.787	3.9	0.04	< 0.001	72	1.64	1.31	+30	1.435	64742-48-9	Exxsol D60	1200	2	Flam. liquid 4; Asp tox. 1; Skin irr. 3	H227; H304; H316					Dgr
	Exxsol D80	205	240	80	0.796	1.5	0.015	0.001	76	2.03	1.60	+30	1.438	64742-47-8	Exxsol D80	1200	1	Flam. liquid 4; Aspiration tox. 1	H227; H304					Dgr
	Exxsol D95	222	240	94	0.795	0.5	0.005	0.004	79	2.48	1.83	+30	1.440	64742-47-8	Exxsol D95	1200	<1	Flam. liquid 4; Aspiration tox. 1	H227; H304					Dgr
	Exxsol D100 ULA	235	265^	103	0.822	0.2	0.003	0.003	77	3.28	2.42	+30	1.451	64742-47-8	Exxsol D100 ULA	1200	<1	Aspiration tox. 1	H304					Dgr
	Exxsol D110	250	270	114	0.814	< 0.1	0.001	0.04	83	3.78	2.69	+30	1.448	64742-47-8	Exxsol D110	1200	<1	Aspiration tox. 1	H304					Dgr
	Exxsol D130	279	310	136	0.832	< 0.1	< 0.001	0.42	88	7.38	4.86	+30	1.454	64742-46-7	Exxsol D130	5 (aerosol)	<1	Aspiration tox. 1	H304					Dgr
	Exxsol D145	274	374	142	0.838	< 0.1	< 0.001	0.005	97	12.98	7.59	+30	1.461	64742-55-8	Exxsol D145	5 (aerosol)	<1	Aspiration tox. 1	H304					
Aromatics	Solvesso 100	161	174	49	0.879	21	0.2	> 99	13^	0.91	0.76	+30	1.503	64742-95-6	Solvesso 100	100	119	Flam. liquid 3; Asp tox. 1; Oral acute 5; Skin irr. 3; STOT SE 3 (respiratory); STOT SE 3 (narcosis); Carc. 2; Aquatic acute 2; Aquatic chronic 2	H226; H303; H304; H316; H335; H336; H351; H411					Dgr
	Solvesso 100 ULC	166	181	50	0.877	17	0.2	> 99	14^	1.01	0.84	+30	1.502	64742-95-6	Solvesso 100 ULC	100	102	Flam. liquid 3; Asp tox. 1; Oral acute 5; Skin irr. 3; STOT SE 3 (respiratory); STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H226; H303; H304; H316; H335; H336; H411					Dgr
	Solvesso 150	182	204	69	0.895	8.1	0.09	>99	15^	1.19	0.97	+30	1.512	64742-94-5	Solvesso 150	100	48	Flam. liquid 4; Asp tox. 1; STOT SE 3 (narcosis); Carc. 2; Aquatic acute 2; Aquatic chronic 2	H227; H304; H336; H351; H411					Dgr
	Solvesso 150 ND	180	194	64	0.885	9.2	0.10	>99	15^	1.17	0.97	+30	1.506	64742-94-5	Solvesso 150 ND	100	54	Flam. liquid 4; Asp tox. 1; STOT SE 3 (narcosis); Aquatic acute 2; Aquatic chronic 2	H227; H304; H336; H411					Dgr
	Solvesso 200	231	283	103	0.994	0.6	0.01	>99	13^	2.75	1.98	L0.5^	1.592	64742-94-5	Solvesso 200	50	8	Asp tox. 1; Carc. 2; Aquatic acute 2; Aquatic chronic 2	H304; H351; H411					Dgr
	Solvesso 200 ND	246	301^	115	0.990	0.1	0.001	>99	14^	3.62	2.54	<1.0^	1.588	64742-94-5	Solvesso 200 ND	50	2	Aspiration tox. 1; Aquatic chronic 2	H304; H411					Dgr
	Exx-Wash 270S	230	380	100	1.004	-	-	98	13^	-	-	-	-	64741-67-9	Exx-Wash 270S	0.1	-	Oral acute 5; Acute inhale 4; Carc. 1B; STOT RE 2; STOT SE 3 (narcosis); Asp. tox. 1; Aquatic acute1; Aquatic chronic 2	H303; H304; H332; H350; H361; H373; H410					Dgr

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Notes:
Typical values indicated in this chart describe typical physical properties and do not constitute specification limits.
The typical values may vary over time.
Test methods are available upon request.
* Vapor hazard ratio is the ratio of the ability of the solvent to evaporate (represented by its saturated vapor concentration) to the OEL. VHR < 3 indicates minimal risk of overexposure under conditions of normal ventilation. Complete Safety Data Sheet can be obtained from <https://sds.exxonmobil.com>



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