

HYDROCARBON SOLVENTS REGISTERED UNDER REACH - KEY DATA

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Substance Name	EC Number	REACH Registration Number	EU-CLP Classification - Health Hazard only (Note 1)	Basis for Classification (Note 2)	Volatility Band (kPa) In brackets: ECETOC TRA Vapour Pressure Bands (Note 3)
CATEGORY 1: C9 Aromatics (Note 9)					
Hydrocarbons, C9, aromatics	918-668-5	01-2119455851-35	Aspiration Tox 1 (H304) STOT SE 3 (H335 + H336) [EUH066 skin defatting statement]	Industry recommendation	0.2 (Low)
CATEGORY 2: C10-C12 Aromatics (Note 9)					
Hydrocarbons, C10, aromatics, >1% naphthalene	919-284-0	01-2119463588-24	Aspiration Tox 1 (H304) STOT SE 3 (H336) Carcinogenicity Cat 2 (H351) [EUH066 skin defatting statement]	Industry recommendation	0.065 (Low)
Hydrocarbons, C10, aromatics, <1% naphthalene	918-811-1	01-2119463583-34	Aspiration Cat 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	0.09 (Low)
Hydrocarbons, C10-C13, aromatics, <1% naphthalene	922-153-0	01-2119451097-39	Aspiration Cat 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.003 (Low)
Hydrocarbons, C10-C13, aromatics, >1% naphthalene	926-273-4	01-2119451151-53	Aspiration Tox 1 (H304) Carcinogenicity Cat 2 (H351) [EUH066 skin defatting statement]	Industry recommendation	0.003 (Low)
CATEGORY 3: C9-C14 Aliphatics (2-25% Aromatics)					
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	927-344-2	01-2119463586-28	Aspiration Tox 1 (H304) STOT SE 3 (H336) STOT RE 1 (H372) [EUH066 skin defatting statement]	Industry recommendation	0.5 (Low)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-164-8	01-2119473977-17	Aspiration Tox 1 (H304) STOT RE 1 (H372) [EUH066 skin defatting statement]	Industry recommendation	0.05 (Low)
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	919-446-0	01-2119458049-33	Aspiration Tox 1 (H304) STOT SE 3 (H336) STOT RE 1 (H372) [EUH066 skin defatting statement]	Industry recommendation	0.37 (Low)
Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	925-653-7	01-2119458869-15	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.025 (Low)
CATEGORY 4: C14-C20 Aliphatics (2-30% Aromatics) (Note 10)					
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	920-360-0	01-2119448343-41	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.001 (Low)
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)	919-006-8	01-2119455996-19	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.001 (Low)
CATEGORY 5: C5 Aliphatics					
Normal-Pentane	203-692-4	01-2119459286-30	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Harmonised	58 (High)
Iso-Pentane	201-142-8	01-2119475602-38	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Harmonised	82 (High)
Cyclopentane	206-016-6	01-2119463053-47	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	36 (High)
Hydrocarbons, C5, n-alkanes, isoalkanes	921-577-3	01-2119474207-37	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	61 (High)
CATEGORY 6: C6 Aliphatics					
Hydrocarbons, C5-C7, n-alkanes, isoalkanes, n-hexane rich	930-397-4	01-2119497828-14	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336) STOT RE 2 (H373) Reproductive Tox Cat 2 (H361F)	Industry recommendation	18.5 (High)
Hydrocarbons, C6, n-alkanes, isoalkanes, cyclics, n-hexane rich	925-292-5	01-2119474209-33	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (sensit) (H336) STOT RE 2 (H373) Reproductive Tox Cat 2 (H361F)	Industry recommendation	47 at 25 deg C (High)
n-hexane	203-777-6	01-2119480412-44	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336) STOT RE 2 (H373) Reproductive Tox Cat 2 (H361F)	Harmonised	19 (High)
Hydrocarbons, C6, isoalkanes, <5% n-hexane (isohexane)	931-254-9	01-2119484651-34	Aspiration Tox 1 (H304), Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	25 (High)
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane	926-605-8	01-2119486291-36	Aspiration Tox 1 (H304) STOT SE Cat 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	11 (High)
CATEGORY 7: C7-C9 Aliphatics					

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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, >5% n-hexane	924-168-8	01-2119472127-39	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336) STOT RE 2 (H373) Reproductive Tox Cat 2 (H361F)	Industry recommendation	11.7 (High)
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	921-024-6	01-2119475514-35	Aspiration Tox 1 (H304); Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	6 (Medium)
Hydrocarbons, C6-C10, n-alkanes, isoalkanes, >5% n-hexane	920-191-2	01-2119493387-24	Aspiration Cat 1 (H304) Skin Irritation Cat 2 (H315) STOT SE Cat 3 (H336) STOT RE Cat 3 (H373) Reproductive Tox Cat 2 (H361F)	Industry recommendation	7.8 (Medium)
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	927-510-4	01-2119475515-33	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	6 (Medium)
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	920-750-0	01-2119473851-33	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	4.2 (Medium)
Hydrocarbons, C7-C8, n-alkanes	922-214-1	01-2120087944-41	Aspiration Cat 1 (H304) Skin Irritation Cat 2 (H315) STOT SE Cat 3 (H336)	Industry recommendation	2.5 (Medium)
Hydrocarbons, C7-C8, cyclics	927-033-1	01-2119486992-20	Aspiration Cat 1 (H304) STOT SE 3 (H336)	Industry recommendation	2 (Medium)
Hydrocarbons, C7-C9, isoalkanes	921-728-3	01-2119471305-42	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	2 (Medium)
Heptane	205-663-8	01-2119457603-38	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Harmonised	6 (Medium)
Iso-Heptane	250-610-8	01-2119457601-42	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Harmonised	8.9 (Medium)
Octane	203-892-1	01-2119463939-19	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Harmonised	1 (Medium)
2,2,4-trimethylpentane (iso-Octane)	208-759-1	01-2119457965-22	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Harmonised	2.8 (Medium)
Nonane	203-913-4	01-2119463259-31	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	0.55 (Medium)
CATEGORY 8: C9-C14 Aliphatics < 2% Aromatics					
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	919-857-5	01-2119463258-33	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	0.3 (Low)
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics	927-241-2	01-2119471843-32	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	0.5 (Low)
Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics	920-134-1	01-2119480153-44	Aspiration Tox 1 (H304) STOT SE 3 (H336) [EUH066 skin defatting statement]	Industry recommendation	0.3 (Low)
Hydrocarbons, C9-C11, cyclics, <2% aromatics	925-894-8	01-2119472436-34	Aspiration Tox 1 (H304) Skin Irritation 2 (H315) STOT SE 3 (H336)	Industry recommendation	0.2 (Low)
Decane	204-686-4	01-2119474199-26	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.135 (Low)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	918-481-9	01-2119457273-39	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.05 (Low)
Hydrocarbons, C10-C13, isoalkanes, cyclics, <2% aromatics	918-317-6	01-2119474196-32	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.06 (Low)
Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	923-037-2	01-2119471991-29	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.02 (Low)
Hydrocarbons, C10-C13, n-alkanes, < 2% aromatics	929-018-5	01-2119475608-26	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	.044 (Low)
Hydrocarbons, C10-C14, n-alkanes, isoalkanes, < 2% aromatics	920-274-3	01-2119458951-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.116 at 38 deg C (Low)
Undecane	214-300-6	01-2119486569-17	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.06 at 25 deg C (Low)
Hydrocarbons, C11-C12, isoalkanes, <2% aromatics	918-167-1	01-2119472146-39	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.07 (Low)

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Hydrocarbons, C11-C13, n-alkanes, <2% aromatics	942-924-5	01-2120101110-89	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.044 (Low)
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	920-901-0	01-2119456810-40	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.04 (Low)
Hydrocarbons, C13-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	926-141-6	01-2119456620-43	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.02 (Low)
Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics	927-285-2	01-2119480162-45	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.035 (Low)
Hydrocarbons, C11-C14, n-alkanes, <2% aromatics	924-803-9	01-2119455647-22	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.035 (Low)
Dodecane	203-967-9	01-2119486573-28	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.02 at 25 deg C (Low)
Isododecane (2,2,4,6,6-pentamethylheptane)	236-757-0	01-2119490725-29	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.1 at 25 deg C (Low)
Hydrocarbons, C12-C16, isoalkanes, cyclics, <2% aromatics	927-676-8	01-2119456377-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.006 (Low)
Tridecane	211-093-4	01-2119487446-26	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.006 at 25 deg C (Low)
Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics	917-488-4	01-2119458943-27	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	</- 0.05 at 25 deg C (Low)
Tetradecane	211-096-0	01-2119485515-31	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	< 0.005 (Low)
CATEGORY 9: C14-C20 Aliphatics < 2% Aromatics (Note 10)					
Hydrocarbons, C13-C16, n-alkanes, isoalkanes, cyclics, <2% aromatics	934-954-2	01-2119826592-36	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<= 0.004 (Low)
Hydrocarbons, C13-C16, isoalkanes, cyclics, <2% aromatics	918-973-3	01-2119458871-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.003 (Low)
Hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	928-253-0	01-2119496246-29	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.004 (Low)
Hydrocarbons, C14-C16, n-alkanes, <2% aromatics	921-535-4	01-2119487513-33	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.005 (Low)
Hydrocarbons, C14-C17, n-alkanes, <2% aromatics	917-828-1	01-2119487513-33	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.005 (Low)
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	927-632-8	01-2119457736-27	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.001 (Low)
Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics	920-114-2	01-2119459347-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.001 (Low)
Hydrocarbons, C14-C20 (even numbered), n-alkanes, isoalkanes, <2% aromatics	700-976-4	01-2119484870-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.005 (Low)
Hydrocarbons, C14-C20, n-alkanes, <2% aromatics	923-583-1	01-2119485174-35	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.005 (Low)
Pentadecane	211-098-1	01-211997102-41	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<=0.001 at 25 deg C (Low)
Hexadecane	208-878-9	01-2119936836-25	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<0.0004 (Low)
Hydrocarbons, C4, 1,3-butadiene-free, polymd, tetraisobutylene fraction, hydrogenated (New name: 2,2,4,4,6,6,8-heptamethylnonane)	257-628-2 (224-506-8)	01-2119486102-45	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<0.001 (Low)
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	919-029-3	01-2119457735-29	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<0.001 (Low)

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n-Heptadecane	211-108-4	01-2120759940-46	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	0.00002 (Negligible)
Octadecane	209-790-3	01-2119936912-33	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<0.00003 (Negligible)
Icosane (Eicosane)	204-018-1	01-2119938337-31	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<0.00001 (Negligible)
Isocicosane (Hydrocarbons, C4, 1,3-butadiene-free, polymd., pentaisobutylene fraction, hydrogenated) Eicosane, branched	297-627-7	01-2119987314-30	Aspiration Tox 1 (H304) [EUH066 skin defatting statement]	Industry recommendation	<1 at 38 deg C