

## Agreed EU-LCI values

No.	CAS no.	Compound	EU-LCI (µg/m <sup>3</sup> )	Status of EU-LCI value	Year of adoption
<b>1</b>		<b><i>Aromatic hydrocarbons</i></b>			
1-1	108-88-3	Toluene	<a href="#">2900</a>	Derived EU-LCI	2013
1-2	100-41-4	Ethylbenzene	<a href="#">850</a>	Derived EU-LCI	2013
1-3	1330-20-7 106-42-3 108-38-3 95-47-6	Xylene (o-, m-, p-) and mix of o-, m- and p-xylene isomers	<a href="#">500</a>	Derived EU-LCI	2013
1-4*	98-82-8	Isopropylbenzene (cumene)	<a href="#">1700</a>	Derived EU-LCI	2017
1-5	103-65-1	n-Propylbenzene	<a href="#">950</a>	Derived EU-LCI	2013
1-6	108-67-8 95-63-6 526-73-8	Trimethylbenzene (1,2,3-,1,2,4-,1,3,5-)	<a href="#">450</a>	Derived EU-LCI	2013
1-7	611-14-3	2-Ethyltoluene	<a href="#">550</a>	Derived EU-LCI	2014
1-8	527-84-4 535-77-3 99-87-6 25155-15-1	Cymene (o-, m-, p-,) (1-isopropyl-2(3,4)-methylbenzene) and mix of o-, m-, and p-cymene	1000	Ascribed EU-LCI	2013
1-9	95-93-2	1,2,4,5-Tetramethylbenzene	<a href="#">250</a>	Derived EU-LCI	2016
1-10	104-51-8	n-Butylbenzene	<a href="#">1100</a>	Derived EU-LCI	2014
1-11	99-62-7 100-18-5	Diisopropylbenzene (1,3-, 1,4-)	<a href="#">750</a>	Derived EU-LCI	2013
1-12	2189-60-8	Phenyl octane and isomers	<a href="#">1100</a>	Derived EU-LCI	2013
1-16	100-42-5	Styrene	<a href="#">250</a>	Derived EU-LCI	2013
1-17*	98-83-9	2-Phenylpropene (α-methylstyrene)	1200	Derived EU-LCI	2018
1-20*	611-15-4 100-80-1 622-97-9 25013-15-4	Vinyl toluene (o-, m-, p-) and mix of o-, m-, and p-vinyl toluene	1200	Derived EU-LCI	2018
1-23	91-20-3	Naphthalene	<a href="#">10</a>	Derived EU-LCI	2015
1-25	95-13-6	Indene	450	Ascribed EU-LCI	2013
<b>2</b>		<b><i>Saturated aliphatic hydrocarbons (n-, iso- and cyclo-)</i></b>			
2-1	110-54-3	n-Hexane	<a href="#">4300</a>	Derived EU-LCI	2016
2-2	110-82-7	Cyclohexane	6000	Ascribed EU-LCI	2013
2-3	108-87-2	Methyl cyclohexane	8100	Ascribed EU-LCI	2013
2-4*	142-82-5	n-Heptane	15000	Derived EU-LCI	2018
2-5*		Other saturated aliphatic hydrocarbons C6-C8	14000	Derived EU-LCI	2018
2-6		Other saturated aliphatic hydrocarbons C9-C16	6000	Ascribed EU-LCI	2013

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<b>3</b>		<b>Terpenes</b>			
3-1	498-15-7	3-Carene	1500	Ascribed EU-LCI	2013
3-2	80-56-8	α-Pinene	<a href="#">2500</a>	Derived EU-LCI	2013
3-3	127-91-3	β-Pinene	1400	Ascribed EU-LCI	2013
3-4	138-86-3 5989-27-5 5989-54-8	Limonene	<a href="#">5000</a>	Derived EU-LCI	2014
3-5		Other terpene hydrocarbons	1400	Ascribed EU-LCI	2013
<b>4</b>		<b>Aliphatic alcohols</b>			
4-1	75-65-0	2-Methyl-2-propanol (tert-butanol)	620	Ascribed EU-LCI	2013
4-2	78-83-1	2-Methyl-1-propanol	<a href="#">11000</a>	Derived EU-LCI	2016
4-3	71-36-3	1-Butanol	3000	Ascribed EU-LCI	2013
4-4	71-41-0 30899-19-5 94624-12-1 6032-29-7 584-02-1 137-32-6 123-51-3 598-75-4 75-85-4 75-84-3	1-Pentanol (all isomers)	730	Ascribed EU-LCI	2013
4-5	111-27-3	1-Hexanol	2100	Ascribed EU-LCI	2013
4-6	108-93-0	Cyclohexanol	2000	Ascribed EU-LCI	2013
4-7	104-76-7	2-Ethyl-1-hexanol	<a href="#">300</a>	Derived EU-LCI	2014
4-8	111-87-5	1-Octanol	<a href="#">1700</a>	Derived EU-LCI	2016
4-9	123-42-2	4-Hydroxy-4-methyl-pentane-2-on (diacetone alcohol)	960	Ascribed EU-LCI	2013
<b>5</b>		<b>Aromatic alcohols</b>			
5-1*	108-95-2	Phenol	70	Derived EU-LCI	2017
5-2	128-37-0	BHT (2,6-di-tert-butyl-4-methylphenol)	100	Ascribed EU-LCI	2013
5-3	100-51-6	Benzyl alcohol	440	Ascribed EU-LCI	2013
<b>6</b>		<b>Glycols, glycol ethers, glycol esters</b>			
6-1	107-21-1	Ethandiol (ethylenglykol)	<a href="#">3400</a>	Derived EU-LCI	2016
6-4	111-46-6	Diethylene glycol	<a href="#">5700</a>	Derived EU-LCI	2016
6-5	57-55-6	Propylene glycol (1,2-dihydroxypropane)	<a href="#">2100</a>	Derived EU-LCI	2016
6-7*	623-84-7	Propylene glycol diacetate	1600	Derived EU-LCI	2018
6-8	110-98-5 25265-71-8	Dipropylene glycol	670	Ascribed EU-LCI	2013
6-9	110-63-4	1,4-Butanediol	2000	Ascribed EU-LCI	2013
6-10*	107-41-5	Hexylene glycol (2-methyl-2,4-pentanediol)	3500	Derived EU-LCI	2018
6-11	6846-50-0	2,2,4-Trimethylpentanediol diisobutyrate	450	Ascribed EU-LCI	2013
6-12*	109-86-4	Ethylene glycol monomethyl ether	100	Derived EU-LCI	2018

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		(2-methoxyethanol)			
6-13*	110-49-6	2-Methoxyethyl acetate	150	Derived EU-LCI	2018
6-15	111-96-6	Diethylene glycol dimethyl ether (1-methoxy-2-(2-methoxy-ethoxy)-ethane)	28	Ascribed EU-LCI	2013
6-16	25265-77-4	2,2,4-Trimethyl-1,3-pentanediol monoisobutyrate	600	Ascribed EU-LCI	2013
6-17	109-59-1	Ethylene glycol isopropylether (2-methylethoxyethanol)	220	Ascribed EU-LCI	2013
6-19	110-80-5	Ethylene glycol monoethyl ether (2-ethoxyethanol)	<a href="#">600</a>	Derived EU-LCI	2016
6-20	111-15-9	2-Ethoxyethyl acetate	<a href="#">900</a>	Derived EU-LCI	2016
6-22	111-90-0	Diethylene glycol monoethyl ether (2-(2-ethoxyethoxy)ethanol)	350	Ascribed EU-LCI	2013
6-23	2807-30-9	Ethylene glycol monoisopropyl ether (2-propoxyethanol)	860	Ascribed EU-LCI	2013
6-24	111-76-2	Ethylene glycol monobutylether (2-butoxyethanol)	<a href="#">1600</a>	Derived EU-LCI	2016
6-25	112-07-2	2-Butoxyethyl acetate	<a href="#">2200</a>	Derived EU-LCI	2016
6-26	112-34-5	Diethylene glycol monobutylether	670	Ascribed EU-LCI	2013
6-27	124-17-4	Diethylene glycol monomethyl ether acetate (butyldiglykolacetate, 2-(2-butoxyethoxy) ethyl acetate)	850	Ascribed EU-LCI	2013
6-28	122-99-6	2-Phenoxyethanol	<a href="#">60</a>	Derived EU-LCI	2016
6-31*	107-98-2	Propylene glycol monomethyl ether (1-methoxy-2-propanol)	7900	Derived EU-LCI	2018
6-32	1589-47-5	1-Propylene glycol 2-methyl ether (2-methoxy-1-propanol)	19	Ascribed EU-LCI	2013
6-33	70657-70-4	1-Propylene glycol 2-methyl ether acetate (2-methoxy-1-propyl acetate)	28	Ascribed EU-LCI	2013
6-35	34590-94-8	Dipropylene glycol monomethyl ether	3100	Ascribed EU-LCI	2013
6-39*	20324-33-8 25498-49-1	Tripropylene glycol mono-methylether	1200	Derived EU-LCI	2018
6-40	63019-84-1 89399-28-0 111109-77-4	Dipropylene glycol dimethyl ether	1300	Ascribed EU-LCI	2013
<b>7</b>		<b>Aldehydes</b>			
7-1	50-00-0	Formaldehyde	<a href="#">100</a>	Derived EU-LCI	2016
7-2	75-07-0	Acetaldehyde	<a href="#">1200</a>	Derived EU-LCI	2013
7-4	123-72-8	Butanal	<a href="#">650</a>	Derived EU-LCI	2013
7-5	110-62-3	Pentanal	<a href="#">800</a>	Derived EU-LCI	2013
7-6	66-25-1	Hexanal	<a href="#">900</a>	Derived EU-LCI	2013
7-7	111-71-7	Heptanal	<a href="#">900</a>	Derived EU-LCI	2013
7-8	123-05-7	2-Ethyl-hexanal	<a href="#">900</a>	Derived EU-LCI	2013
7-9	124-13-0	Octanal	<a href="#">900</a>	Derived EU-LCI	2013
7-10	124-19-6	Nonanal	<a href="#">900</a>	Derived EU-LCI	2013
7-11	112-31-2	Decanal	<a href="#">900</a>	Derived EU-LCI	2013

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7-12	4170-30-3 123-73-9 15798-64-8	2-Butenal (crotonaldehyd)	<u>5</u>	Derived EU-LCI	2015
7-13	1576-87-0 764-39-6 31424-04-1	2-Pentenal	<u>7</u>	Derived EU-LCI	2015
7-14	6728-26-3 505-57-7 16635-54-4 1335-39-3 73543-95-0	Hexenal	<u>7</u>	Derived EU-LCI	2015
7-15	2463-63-0 18829-55-5 57266-86-1 29381-66-6	2-Heptenal	<u>7</u>	Derived EU-LCI	2015
7-16	2363-89-5 2548-87-0 25447-69-2 20664-46-4	2-Octenal	<u>7</u>	Derived EU-LCI	2015
7-17	2463-53-8 18829-56-6 60784-31-8	2-Nonenal	<u>7</u>	Derived EU-LCI	2015
7-18	3913-71-1 2497-25-8 3913-81-3	2-Decenal	<u>7</u>	Derived EU-LCI	2015
7-19	2463-77-6 53448-07-0 1337-83-3	2-Undecenal	<u>7</u>	Derived EU-LCI	2015
7-20*	98-01-1	Furfural	10	Derived EU-LCI	2017
7-21*	111-30-8	Glutaraldehyde	1	Derived EU-LCI	2018
<b>8</b>		<b><i>Ketones</i></b>			
8-1	78-93-3	2-Butanone (ethylmethylketone)	<u>20000</u>	Derived EU-LCI	2016
8-2	563-80-4	3-Methyl-2-butanone	7000	Ascribed EU-LCI	2013
8-3	108-10-1	4-Methyl-2-pentanone (methylisobutylketone)	<u>1000</u>	Derived EU-LCI	2016
8-4	120-92-3	Cyclopentanone	900	Ascribed EU-LCI	2013
8-5	108-94-1	Cyclohexanone	410	Ascribed EU-LCI	2013
8-7	583-60-8	2-Methylcyclohexanone	2300	Ascribed EU-LCI	2013
8-8	98-86-2	Acetophenone	490	Ascribed EU-LCI	2013
<b>9</b>		<b><i>Acids</i></b>			
9-1	64-19-7	Acetic acid	<u>1200</u>	Derived EU-LCI	2016
9-2	79-09-4	Propionic acid	<u>1500</u>	Derived EU-LCI	2016
9-3*	79-31-2	Isobutanoic acid (isobutyric acid)	1800	Derived EU-LCI	2018
9-4*	107-92-6	Butanoic acid (butyric acid)	1800	Derived EU-LCI	2018
9-5*	75-98-9	2,2-Dimethylpropanoic acid (pivalic acid)	2100	Derived EU-LCI	2018
9-6*	109-52-4	n-Pentanoic acid (valeric acid)	2100	Derived EU-LCI	2018

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9-7*	142-62-1	n-Hexanoic acid (caproic acid)	2100	Derived EU-LCI	2018
9-8*	111-14-8	n-Heptanoic acid	2100	Derived EU-LCI	2018
9-9*	124-07-2	n-Octanoic acid	2100	Derived EU-LCI	2018
9-10	149-57-5	2-Ethylhexanoic acid	<a href="#">150</a>	Derived EU-LCI	2014
<b>10</b>		<b>Ester</b>			
10-1	108-21-4	Propyl acetate (n-, iso-)	4200	Ascribed EU-LCI	2013
10-2	108-65-6	2-Methoxy-1-methylethyl acetate	2700	Ascribed EU-LCI	2013
10-5	80-62-6	Methyl methacrylate	<a href="#">750</a>	Derived EU-LCI	2016
10-7	110-19-0	Isobutyl acetate	4800	Ascribed EU-LCI	2013
10-8	123-86-4	n-Butyl acetate	4800	Ascribed EU-LCI	2013
10-10	96-33-3	Methyl acrylate	180	Ascribed EU-LCI	2013
10-11	140-88-5	Ethyl acrylate	200	Ascribed EU-LCI	2013
10-12	141-32-2	n-Butyl acrylate	110	Ascribed EU-LCI	2013
10-13	103-11-7	2-Ethylhexyl acrylate	380	Ascribed EU-LCI	2013
10-14		Other acrylates (acrylic acid esters)	110	Ascribed EU-LCI	2013
10-15	627-93-0	Dimethyl adipate	50	Ascribed EU-LCI	2013
10-16	106-65-0	Dimethyl succinate	50	Ascribed EU-LCI	2013
10-17	1119-40-0	Dimethyl glutarate	50	Ascribed EU-LCI	2013
10-20	105-75-9	Dibutyl fumarate	50	Ascribed EU-LCI	2013
10-21	105-76-0	Maleic acid dibutylester	50	Ascribed EU-LCI	2013
10-22	13048-33-4	Hexamethylene diacrylate	10	Ascribed EU-LCI	2013
10-23*	96-48-0	Butyrolactone	2800	Derived EU-LCI	2018
<b>11</b>		<b>Chlorinated hydrocarbons</b>			
11-3	106-46-7	1,4-Dichlorobenzene	<a href="#">150</a>	Derived EU-LCI	2013
<b>12</b>		<b>Others</b>			
12-1	123-91-1	1,4-Dioxane	<a href="#">400</a>	Derived EU-LCI	2015
12-2	105-60-2	Caprolactame	<a href="#">300</a>	Derived EU-LCI	2013
12-3	872-50-4	N-Methyl-2-pyrrolidone	<a href="#">1800</a>	Derived EU-LCI	2016
12-4	556-67-2	Octamethylcyclotetrasiloxane (D4)	1200	Ascribed EU-LCI	2013
12-7	100-97-0	Hexamethylenetetramine	30	Ascribed EU-LCI	2013
12-8	96-29-7	2-Butanonoxime	<a href="#">15</a>	Derived EU-LCI	2015
12-9	126-73-8	Tributyl phosphate	<a href="#">300</a>	Derived EU-LCI	2016
12-11	26172-55-4	5-Chloro-2-methyl-2H-isothiazol-3-one (CIT)	1	Ascribed EU-LCI	2013
12-12	2682-20-4	2-Methyl-4-isothiazolin-3-one (MIT)	100	Ascribed EU-LCI	2013
12-13*	121-44-8	Triethylamine	<a href="#">60</a>	Derived EU-LCI	2017
12-17	2687-91-4	N-Ethyl-2-pyrrolidone	<a href="#">400</a>	Derived EU-LCI	2016

\* new or altered