

Table 19. Potential chemicals of concern based on EHM and available air pollutant and carcinogenicity data. This list currently contains the top 10 for Acute and Chronic EHM rankings, along with most air pollutants and carcinogens within the entire SCAQMD dataset. Listed in alphabetical order starting with chemicals used in the City of LA.

Chemical Name	CASRN	Acute Inhalation EHM Rank	Chronic Inhalation EHM Rank	Known Air Pollutant	Known or Probable Carcinogen	Volatile Compound	Biodegradability	Used in City of LA
1,2,4-Trimethylbenzene	95-63-6	36	41	X ¹		X	Readily biodegradable	X
1-Methoxy-2-propanol	107-98-2	43	72	X ¹		X	Readily biodegradable	X
2-Butoxyethanol	111-76-2	14	29	X ¹		X	Readily Biodegradable	X
Aluminum	7429-90-5		30	X ¹			Inorganic	X
Aluminum oxide	1344-28-1		18	X ¹			Inorganic	X
Ammonium sulfate	7783-20-2			X ¹			Inorganic	X
Barite	7727-43-7		10				Inorganic	X
Calcium oxide	1305-78-8		3				Inorganic	X
Crystalline silica (cristobalite)	14464-46-1		14		X		Inorganic	X
Crystalline silica (quartz)	14808-60-7		1		X		Inorganic	X
Crystalline silica (tridymite)	15468-32-3		27		X		Inorganic	X
Cumene	98-82-8	30	43	X	X	X	Readily Biodegradable	X
Ethanol	64-17-5		69		X	X	Readily Biodegradable	X
Ethylbenzene	100-41-4	28	20	X	X	X	Readily Biodegradable	X
Ethylene glycol	107-21-1		53	X	X ²	X	Readily Biodegradable	X
Formaldehyde	50-00-0	8	13	X	X	X	Readily biodegradable	X

Chemical Name	CASRN	Acute Inhalation EHM Rank	Chronic Inhalation EHM Rank	Known Air Pollutant	Known or Probable Carcinogen	Volatile Compound	Biodegradability	Used in City of LA
Glutaraldehyde	111-30-8	6	5	X ¹		X	Readily Biodegradable	X
Glyoxal	107-22-2	10				X	Readily Biodegradable	X
Hydrochloric acid	7647-01-0	2	2	X	X	X	Inorganic	X
Hydrofluoric acid	7664-39-3	1	4	X		X	Inorganic	X
Isopropanol	67-63-0		70	X ¹		X	Readily Biodegradable	X
Limestone	1317-65-3		9				Inorganic	X
Methanol	67-56-1		49	X	X ²	X	Readily Biodegradable	X
Mica	12001-26-2		8				Inorganic	X
Naphthalene	91-20-3	5 ³	11	X	X	X	Inherently biodegradable	X
Nitrilotriacetic acid	139-13-9		28	X ¹	X		Readily biodegradable	X
Non-crystalline silica (impurity)	7631-86-9	9 ³	16	X			Inorganic	X
Phosphogypsum	13397-24-5		7				Inorganic	X
Phosphoric acid	7664-38-2	7 ³	25	X ¹			Inorganic	X
Portland cement	65997-15-1		6				Inorganic	X
Potassium chloride	7447-40-7	3					Inorganic	X
Quinoline	91-22-5			X		X	Not readily biodegradable	X
Sodium hydroxide	1310-73-2		37	X ¹			Inorganic	X
Sulfuric acid	7664-93-9	39	46	X ¹	X		Inorganic	X

Chemical Name	CASRN	Acute Inhalation EHM Rank	Chronic Inhalation EHM Rank	Known Air Pollutant	Known or Probable Carcinogen	Volatile Compound	Biodegradability	Used in City of LA
Toluene	108-88-3		52	X	X ²	X	Readily Biodegradable	X
Xylenes	1330-20-7	27	42	X		X	Readily Biodegradable	X
2,2"-oxydiethanol (impurity)	111-46-6			X		X	Readily Biodegradable	
Acetophenone	98-86-2			X		X	Readily biodegradable	
Acrylamide	79-06-1	50 ³	38	X	X	X	Readily Biodegradable	
Benzene	71-43-2		45	X	X	X	Readily biodegradable	
Bis(isopropyl)naphthalene	38640-62-9			X	X		Not readily biodegradable	
Cyclohexanol	108-93-0	49 ³	76	X ¹		X	Readily biodegradable	
Diethanolamine	111-42-2		68	X	X		Readily biodegradable	
Diethylene glycol mono-n-butyl ether	112-34-5		36	X		X	Readily biodegradable	
Diisopropyl naphthalenesulfonic acid	28757-00-8			X			Not readily biodegradable	
Ethylene oxide	75-21-8	40	35	X	X	X	Readily biodegradable	
Gilsonite	12002-43-6				X		Inadequate data	
Lithium carbonate	554-13-2	33			X ²		Inorganic	
Magnesium nitrate	10377-60-3				X		Inorganic	

Chemical Name	CASRN	Acute Inhalation EHM Rank	Chronic Inhalation EHM Rank	Known Air Pollutant	Known or Probable Carcinogen	Volatile Compound	Biodegradability	Used in City of LA
Methyl isobutyl ketone	108-10-1	48	75	X	X	X	Readily Biodegradable	
Naphthalenesulfonic acid, bis(1-methylethyl)-, compd. with cyclohexanamine (1:1)	68425-61-6			X			Not readily biodegradable	
n-Butyl alcohol	71-36-3	46	71	X ¹		X	Readily biodegradable	
Peracetic acid	79-21-0	25		X ¹		X	Readily Biodegradable	
Petroleum distillates	64741-44-2	4				X	Readily Biodegradable	
Tributyl phosphate	126-73-8		58	X ¹			Readily biodegradable	
Trimethylbenzenes	25551-13-7			X ¹		X	Not readily biodegradable	

1. Not identified as Clean Air Act Hazardous Air Pollutants, but on California Air Resources Board TAC and Hot Spots Lists
2. On Prop 65 List for developmental toxicity
3. Acute inhalation EHM calculated using “floor level” toxicity estimate