

TEL-AVIV UNIVERSITY
יחידת הבטיחות

QUANTITIES OF DANGEROUS PRODUCTS

As per Ministry of Environmental Protection in Israel's Law of 1996

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Acetals	1	25	
Acetic acid	48a	100	10
Acetone	110a	100	50
Acetylene	87a	250	
Acridines	2	10	
Acrylic acid and derivatives	3	5	
Acyl halides	4	1	
Adhesives containing organic liquids	5	500	
Alcoholates	7	5	
Alcohols, liquid	8	100	
Aldehydes, liquid	9	50	
Alfatoxines	6	10 ⁻⁵	
Aliphatic compounds, halogenic	10	100	
Alkali metal hydroxides	11b	100	
Alkali metal oxides	11c	5	
Alkali metals	12	0.5	
Alkaline earth metals	13	1	
Alkenes	15	5	
Alkynes	14	5	
Aluminates, alkali metals	16	100	
Aluminium halides, anhydrous	17	5	
Amides, metal	18	0.1	
Amines	19	50	
Amino-1H-1, 2, 4-triazole, 3-	19b	5	
Aminoalcohols and derivatives	20	100	
Aminobiphenyl, 4-	19a	0.1	
Aminotriazole	21	5	
Ammonia	22	10	
Ammonia solution	22a	1,000	10
Antimony and its compounds	23	10	
Aromatic compounds, halogenic	24	1	
Arsenic and its compounds	25	0.1	
Asbestos	26	50	10
Auramine	19c	0.1	
Aziathioprine	27	0.1	
Azides	28	0.5	
Azo compounds	29	50	
Barium compounds	30	10	
Barium sulphate	30a	100	

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Benzene	99a	1	5
Benzidines	19d	0.1	
Beryllium and its compounds	31	0.1	
Bis(chloromethyl)ether	78a	0.1	
Bismuth and its compounds	32	5	
Bisulphates	33	100	
Boranes	34	0.1	
Borides	35	0.1	
Borohydrides, metal	36	0.5	
Boron and its organic compounds	37	0.5	
Bromic acid and its salts (bromates)	38	10	
Bromine	39	5	1
Butanediol dimethanesulphonate (mylran), 1, 4-	197a	0.1	
Cadmium and its compounds	40	0.1	0.01
Calcium bromate	38a		3
Calcium fluoride	83a	10	
Camphor	41	100	
Carbamates	42	5	
Carbides, metal	43	100	
Carbon disulphide	44	10	
Carbon halides	47	1	
Carbon tetrachloride	10a	1	
Carbon, activated	45	50	
Carbonic acid organic derivatives	46	1	
Carboxylic acids (C1-C7), monobasic, and their derivatives	48	10	
Carboxylic acids, dibasic, aromatic or alicyclic, and derivatives	49	50	
Chlorambucil	50	0.1	
Chloric acid and its salts (chlorates)	51	10	
Chlorine	52	5	1
Chlorites	53	10	
Chlornaphazine (N, N-Bis (2-chloroethyl)-2-naphtylamine	19e	0.1	
Chlorofluorocarbon (CFCs)	10b	130	
Chloroform	10c	1	
Chloromethyl ether	78b	0.1	
Chloropicrine	54	1	2.5
Chloroplatinic acid	55	1	
Chromium compounds	56	1	
Coal tar distillates	57	100	
Cobalt compounds	58	5	
Copper compounds	59	10	
Cyanamide and derivatives	60	1	
Cyanamide, calcium	61	10	
Cyanates and isocyanates	62	1	
Cyanides, inorganic	63	1	
Cyanuric acid, derivatives and analogs	64	5	

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Cyclophosphamide	65	0.1	
D.D.T.	66	1	
Dibanzofurans	67	0.1	
Dichlorobenzene, <i>para</i>	24a	50	
Dichlorobenzidine, 3,3'-	19f	5	
Dichloroethane, 1,2-	10d	5	
Diesel oil	69	200,000	
Diethylene glycol butyl ether	78c	10	10
Diethylstilbestrol	68	0.1	
Diketone	70	0.5	
Dimethylsulfoxide	73	10	
Dimethyl sulphate	200a	5	
Dimethylaminoethanol, 2-	19g	0.1	
Dimethylcarbanyl chloride	71	5	
Dimethylformamide, N, N	72	5	
Dioxane, 1, 4-	78d	5	
Dioxins	74	0.1	
Epihalohydrins	75	1	
Epoxides (alkylene oxides)	76	5	
Esters, liquid (excluding triglycerides)	77	100	
Estrogenic substances, conjugated	81	0.1	
Ethanol	8a	200	80
Ethers, liquid	78	10	
Ethylamine, 2-chloro-N, N-dimethyl-	19h	0.1	
Ethylene glycol	79	250	70
Ethylene oxide	80	0.1	
Ferric chloride, anhydrous	82	10	
Fluorides	83	1	
Fluorosilicic acid and its salts	84	50	
Fuel oil	85	200,000	
Gallium and its compounds	86	1	
Gases, compressed or liquefied	87	1	
Gases, liquefied petroleum (LPG)	87b	8,000	
Gases, nonflammable	87c	500	
Gasoline	88	200,000	
Halides of non-metals	89	1	
Halocarboxylic acids and derivatives	90	0.5	
Halogenated alcohols, ketones, aldehydes	91	5	
Halons (bromochlorofluorocarbons)	10e	20	
Haloorganometallic compounds	92	0.5	
Halophosphoric acid and derivatives	93	1	
Halosulphonic acids and derivatives	94	1	
Hexamethylphosphoramide	95	0.5	
Hydrazine and derivatives	96	1	
Hydrides, metal	97	0.1	

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Hydrobromofluorocarbons	10f	10	
Hydrocarbons, aliphatic and alicyclic, liquid	98	100	
Hydrocarbons, aromatic	99	100	
Hydrocarbons, aromatic, polycyclic	100	1	
Hydrochloric acid	101a	100	10
Hydrochlorofluorocarbons	10g	10	
Hydrogen peroxide	145a	10	20
Hydrohalogenic acids	101	1	
Hydroxylamine and its derivatives	102	1	
Hypochlorites	103	1	
Imines, alkylene	104	1	
Indium and its compounds	105	1	
Iodates	107	1	
Iodine	108	10	
Isopropanol	8b		80
Kerosene	109	100,000	
Ketones, liquid	110	50	
Lachrymating substances	111	0.1	2
Lead	112a	20,000	
Lead compounds	112b	0.5	
Lead, battery	112c	100	
Magenta	113	0.1	
Maleic acid and its derivatives	114	1	
Malonic acid and its derivatives	115	1	
Manganese compounds	116	5	
Melphalan	117	5	
Mercaptans	118	0.1	0.5
Mercury	119a	1	
Mercury compounds	119b	0.1	
Metal alkyls and aryles	120	0.5	
Metal carbonyls	121	0.5	
Metal catalyst	122	5	
Metal powder	123	1	
Metal silicon powder	124	1	
Methyl bromide	10h	1	
Methyl bromide containing	10i	500	
Methyl ethyl ketone	110b		40
Molybdenum compounds	125	5	
Morpholine and its derivatives	126	1	
Naphtylamine, 2-	19i	0.1	
Nickel compounds	128	5	
Nitric acid and its salts	129	10	
Nitric acid, fuming	129b	0.1	
Nitrides, excluding silicon nitride	130	0.1	

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Nitriles	131	1	
Nitrites	132	1	3
Nitroaliphatic compounds and their derivatives	133	1	
Nitroaromatic compounds and their derivatives	134	1	
nitrobiphenyls	134a	0.1	
Nitrosamines	135	0.5	
Nitroso compounds	136	0.5	
Ntric acid	129a		20
Oleum	200b	0.5	
Orthoformic acid and its derivatives	137	0.5	
Osmium tetroxide	138	0.5	
Oxalic acid and its derivatives and salts	139	1	
Oximes	140	1	
Oxygen	87d	500	
Paints	141	2,000	
Percarbonates	142	5	
Perchloroethylene	10j	5	
Perhalogenic acids and salts	143	1	
Permanganates	144	5	
Peroxides	145	0.5	
Persulphates	146	0.5	
Pesticide, anticoagulant	147	1	0.005
Pesticide, arsenical	148	25	1
Pesticide, benzoic derivative	150	25	20
Pesticide, bipyridilium	151	25	15
Pesticide, carbamate	152	25	25
Pesticide, coumarin derivative	153	25	0.05
Pesticide, dithiocarbamate	154	25	15
Pesticide, fluoroacetic and derivatives	155	1	
Pesticide, mercury based	156	1	
Pesticide, organohalogen	157	25	25
Pesticide, organophosphorus	158	25	25
Pesticide, organotin	159	25	20
Pesticide, phenoxy	160	25	20
Pesticide, phosphide	161	1	
Pesticide, phtalimide derivative	162	25	25
Pesticide, pyrethrin and pyrethroid	163	25	30
Pesticide, substituted nitrophenol	164	25	10
Pesticide, triazine	165	25	80
Pesticides, aryl urea and aryl thiourea	149	25	50
Petroleum crude oil	166	200,000	
Phenacetine	19j	0.1	
Phenols and their derivatives and salts	167	5	
Phenytoin	168	1	
Phosgene and thiophosgene	169	1	

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Phosphates, aliphatic and aromatic	170	10	
Phosphides	171	0.1	
Phosphites	172	5	
Phosphonium compounds	173	0.5	
Phosphoric acid	175a	100	10
Phosphorus	174	1	
Phosphorus oxides and acids	175	1	
Phosphorus oxyhalides	176	1	
Phosphorus sulphides	177	1	
Photoresists	178	1	
Piperazine and derivatives	179	1	
Piperidine and derivatives	180	1	
Polyhalogenated biphenyls	181	0.1	
Potassium nitrate	129c	5,000	
Propylene oxide	76a	1	
Pyridines and picolines	182	2	
Quaternary ammonium compounds	183	50	15
Quinones	184	1	
Radioactive materials [* specific activity > 0.002 microCury/gram]	185		*
Rare earth metals	186	1	
Resinates, metal	187	100	
Resprine	188	1	
Rubber solution	189	500	
Selenium and its compounds	190	1	
Selenium sulphide	190a		2
Silanes and derivatives	191	1	
Silicides	192	1	
Silicon powder	193	1	
Silver compounds	194	1	
Sodium hydroxide	11a		20
Sodium hypochlorite	103a	100	5
Sulfuryl halides	202	0.5	
Sulphides, hydrosulphides and polysulphides	195	1	
Sulphites and hydrosulphites	196	5	
Sulphonic acid and derivatives	197	10	
Sulphonyl halides, organic	198	1	
Sulphur	199	10	
Sulphuric acid	200c	100	35
Sulphuric acid derivatives	200d	1	
Sulphurous acid	201	1	
Tars, liquid	203	100	
Tellurium and its compounds	204	0.5	
Tetraalkyl silicate	205	1	
Thallium and its compounds	206	0.1	
Thioalcohols	207	0.5	

Names of Dangerous Products [specific or as families]	Column #, in law	Quantity Min., kg	Concent. Min., %
Thiocarbamates	208	0.5	
Thiocarboxylic acids and derivatives	209	1	
Thiocyanates	210	0.5	
Thiodiglycol	207a	0.1	
Thionyl halides	211	1	
Thiophene, hydrothiophene and their derivatives	212	10	
Thiophosphoric acids and their derivatives	213	0.5	
Thiosulphates	214	10	
Tin compounds	215	1	
Titanium compounds	216	5	
Titanium dioxide	216a	1,000	50
Toluene	99b		30
Toluidine, <i>ortho</i> -	19k	1	
Treosulphan	197b	0.1	
Trichloroethylene, 1, 1, 1-	10k	10	
Turpentine, rosin oil and their derivatives	217	500	70
Urethanes	218	5	
Used oils	219	5,000	
Vanadium compounds	220	5	
Vinyl chloride	10l	0.1	
Xylene	99c		30
Zinc compounds	221	10	
Zirconium compounds	222	5	10