

LD-50 of Substances Reference Sheet

The lower the LD₅₀ the more toxic the substance. The chart below provides LD₅₀ data

Substance	LD ₅₀	Oral-Rat per kilogram	Substance	LD ₅₀	Oral-Rat per kilogram	Substance	LD ₅₀	Oral-Rat per kilogram
Acetaldehyde	1930 mg		Cobalt (ous) Chloride	766 mg		Methyl Alcohol	5628 mg	
Acetamide	7000 mg		Cobalt (ous) Nitrate	691 mg		Methyl Ethyl Ketone	2737 mg	
Acetanilide	800 mg		Cobalt (ous) Sulfate	768 mg		Methyl iso-Butyl Ketone	2080 mg	
Acetic Acid	3310 mg		Colchicine	1.6 mg		Methyl Methacrylate	7872 mg	
Acetic Anhydride	1780 mg		Crystal Violet	420 mg		Methylene Blue	1180 mg	
Acetone	7500 mg		Cupric Acetate	710 mg		Methylene Chloride	2136 mg	
Acetyl Salicylic Acid	1000 mg		Cupric Chloride	140 mg		Naphthalene	1250 mg	
Adenine	745 mg		Cupric Nitrate	940 mg		1-Naphthol	2400 mg	
Ammonium Hydroxide	350 mg		Cupric Sulfate	300 mg		Nicotine	50 mg	
Ammonium Molybdate	333 mg		Cuprous Chloride	265 mg		1-Octadecanol	20 gm	
Amyl Acetate	6500 mg		Cuprous Oxide	470 mg		Orcinol	844 mg	
n-Amyl Alcohol	2200 mg		Cyclohexane	29820 mg		Oxalic Acid	375 mg	
Aniline	250 mg		Cyclohexanol	2060 mg		1,10-Phenanthroline	132 mg	
Aniline Hydrochloride	1072 mg		p-Dichlorobenzene	500 mg		Phenol	384 mg	
Antimony Trichloride	525 mg		Diisopropanolamine	6720 mg		1,4-Phenylenediamine	80 mg	
Arsenic Trioxide	15100 mg		1,4 Dioxane	4200 mg		Phenyl Thiocarbamide	3 mg	
Barium Acetate	921 mg		Dodecyl Alcohol	12800 mg		Phthalic Anhydride	4020 mg	
Barium Carbonate	4.8 mg		Ethyl Acetate	6100 mg		Potassium Carbonate	1870 mg	
Barium Chloride	118 mg		Ethyl Alcohol	7060 mg		Potassium Cyanide	10 mg	
Barium Nitrate	355 mg		Ethylene Diamine	1160 mg		Potassium Hydroxide	365 mg	
Benzaldehyde	1300 mg		Ethylene Dichloride	670 mg		Propionic Acid	3500 mg	
Benzene	4894 mg		Ethylene Glycol	4700 mg		n-Propyl Alcohol	1870mg	
Benzoic Acid	2530 mg		Ferric Chloride	984 mg		Pyridine	891 mg	
Benzoyl Peroxide	7710 mg		Ferric Nitrate	3250 mg		Pyrogallol	789 mg	
Benzyl Alcohol	1230 mg		Formaldehyde	80 mg		Resorcinol	301 mg	
Benzyl Benzoate	500 mg		Fumaric Acid	10700 mg		Salicylic Acid	891 mg	
Bromobenzene	2699 mg		Glycerine	12600 mg		Sodium Chloride	3000 mg	
n-Butyl Alcohol	790 mg		Hexamethylenediamine	750 mg		Sodium Cyanide	6440 ug	
sec-Butyl Alcohol	6480 mg		Hexanes	28710 gm		Sodium Fluoride	80 mg	
tert-Butyl Alcohol	3500 mg		Hexyl Alcohol	720 mg		Sodium Thiocyanate	764 mg	
Butyric Acid	8790 mg		Hydroquinone	320 mg		5-Sulfosalicylic Acid	2450 mg	
Cadmium	225 mg		Iodine	14 mg		Thiourea	125 mg	
Cadmium Chloride	88 mg		iso-Butyl Alcohol	2460 mg		Thymol	980 mg	
Cadmium Nitrate	300 mg		iso-Propyl Alcohol	5045 mg		Toluene	5000 mg	
Caffeine	192 mg		Lactic Acid	3730 mg		Trichloroacetic Acid	5000 mg	
Calcium Fluoride	4250 mg		Lauric Acid	12 gm		1,1,1 Trichloroethane	10300 mg	
Carbon Tetrachloride	2800 mg		Lithium Carbonate	525 mg		Trichloroethylene	7193 mg	
Cetyl Alcohol	6400 mg		Maleic Acid	708 mg		1,1,2 Trichloro Trifluoroethane	43 mg	
Chloroform	908 mg		Malonic Acid	1310 mg		Triethanolamine	8680 mg	
Chromium (ic) Chloride	1870 mg		Menthol	3180 mg		Tris-(Hydroxymethyl) Aminomethane	5900 mg	
Chromium (ic) Nitrate	3250 mg		Mercuric Chloride	1 mg		Xylenes	4300 mg	
Citric Acid	11700 mg		Mercuric Iodide	40 mg		Zinc Acetate	2460 mg	
						Zinc Chloride	350 mg	