

2019 Use by active ingredient (pounds)

Active Ingredients	Pounds
(S)-Hydroprene	38.0480
(S)-Methoprene	0.6927
1,3-dichloro-5,5-dimethylhydantoin	48.0752
1,3-dichloro-5-ethyl-5-methylhydantoin	26.4497
1-bromo-3-chloro-5,5-dimethylhydantoin	178.2192
2,2-Dibromo-3-nitrilopropionamide	60504.8160
2,4-D	3526.6599
2,4-DP	3.0940
2-Bromo-2-nitropropane-1,3-diol	975.0620
2-Methyl-4-isothiazolin-3-one	4211.2113
2-Phenethyl Propionate	16.8344
3-Indolebutyric acid	0.0362
5-Chloro-2-methyl-4-isothiazolin-3-one	12596.2624
6-benzyladenine	0.2850
9, 10-Anthraquinone	2.9130
Abamectin	0.1438
Acephate	48.2033
Acetamiprid	12.9206
Acetochlor	23367.7750
Acibenzolar-S-methyl	4.0032
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	7.3258
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	1.3495
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	1.3495
Aluminum tris	779.1040
Aminocyclopyrachlor	0.1956
Aminopyralid	200.9980
Ammonium nonanoate	16.5000
Amorphous Silica	8.0100
Amorphous Silica Dioxide	0.0448
Ancymidol	0.0001
Atrazine	59793.7649
Azadirachtin	0.5870
Azoxystrobin	73.5047
Bacillus sphaericus 2362	1.2400
Bacillus subtilis	0.0255
Bacillus thuringiensis subsp. Galleriae	18.0000
Bacillus thuringiensis subsp. Israelensis	32.8180
Bacillus thuringiensis subsp. Kurstaki	0.5400
Beauveria bassiana	6.6373
Bensulide	2.5000
Bicyclopyrone	273.7018
Bifenazate	0.5000
Bifenthrin	519.7358

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Borax	9279.2419
Boscalid	86.7015
Brodifacoum	0.3208
Bromadiolone	0.2875
Bromethalin	0.0029
Bromoxynil	5.0000
Capsaicin	0.000003
Captan	164.6950
Carbaryl	78.1308
Carfentrazone	17.8660
Castor oil	0.1680
Cedar Oil	169.8972
Charcoal	3.0523
Chlorantraniliprole	150.4603
Chlorfenapyr	44.9041
Chlorimuron ethyl	3.9625
Chlorophacinone	0.0105
Chlorothalonil	12090.8890
Chlorsulfuron	8.2725
Cholecalciferol	0.5065
Cinnamon Oil	83.1088
Citric acid	14.4000
Clethodim	32.6161
Clomazone	47.0000
Clopyralid	1813.8263
Clothianidin	25.4549
Clove oil	4.8115
Copper	0.0500
Copper Carbonate	367.2963
Copper diammonia diacetate complex	1.5151
Copper ethanolamine complex	0.3726
Copper Hydroxide	101.4963
Copper Octanoate	0.0218
Copper Oxychloride	18.9178
Corn oil	0.0140
Cottonseed oil	0.0013
Cyantraniliprole	2.4683
Cyazofamid	14.0859
Cyclaniliprole	0.0055
Cyflumetofen	0.0005
Cyfluthrin	237.3751
Cyhalothrin	0.0077
Cypermethrin	13.2353
Cyproconazole	24.8771

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Cyprodinil	4.6896
Cytokinin	0.0060
Dazomet	658988.7694
Deltamethrin	14.7233
Dicamba	2938.1794
Dichlobenil	5.2930
Dichlorvos	0.4015
Dicrotophos (Bidrin)	0.0820
Didecyl dimethyl ammonium chloride	6.0867
Difenoconazole	3.1893
Difethialone	0.0964
Diflubenzuron	0.0625
Diflufenzopyr	0.1600
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate	0.2100
Dinotefuran	36.6390
Dioctyl dimethyl ammonium chloride	0.7071
Diphacinone	0.1423
Diquat	30.4074
Disodium Octaborate Tetrahydrate	661.3638
Dithiopyr	479.4523
DRC-1339	0.1645
d-trans Allethrin	0.0868
Emamectin Benzoate	7.3883
Esfenvalerate	2.1214
Ethalfuralin	150.4000
Ethephon	276.8100
Etofenprox	1.1187
Eugenol	40.6508
Extract of Reynoutria sachalinensis	4.7300
Fenoxaprop-ethyl	3.5058
Fenpropathrin	1.5360
Fenvalerate	0.3537
Fipronil	160.2728
Flonicamid	0.0073
Florasulam	0.3276
Florpyrauxifen-benzyl	19.6812
Fluazinam	556.0798
Fludioxonil	40.2692
Flumetsulam	39.5980
Flumioxazin	0.2014
Fluopyram	34.2846
Fluoxastrobin	16.6325
Flupyradifurone	0.2605
Fluroxypyr	125.4785

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Flurprimidol	158.4021
Fluthiacet-methyl	27.1947
Fluxapyroxad	72.8603
Fomesafen	163.3625
Formaldehyde	1961.0000
Fosamine	492.8000
Garlic oil	3.5500
Geraniol	14.6765
Gibberellic Acid	0.0014
Glufosinate ammonium	22.2558
Glutaraldehyde	228.4145
Glyphosate	32995.2843
Halosulfuron-methyl	60.1311
Hexythiazox	0.2550
Hydramethylnon	0.1963
Hydrogen peroxide	1.9626
Imazamox	0.0700
Imazapic	0.0703
Imazapyr	528.7137
Imazethapyr	0.4800
Imidacloprid	971.8724
Indaziflam	75.7472
Indoxacarb	13.3089
Iprodione	4157.1866
Iron HEDTA	242.3132
Isofetamid	43.7382
Isopropyl Alcohol	130.6236
Isoxaben	3.5500
Kinetin	0.0045
Lambda-cyhalothrin	217.5895
Lemongrass oil	0.1400
Malathion	651.4944
Mancozeb	935.8204
Mandestrobin	93.0440
Mandipropamid	0.0624
MCPA	1346.7284
Mecoprop	532.9655
Mefenoxam	29.0438
Mefluidide	2.2800
Mesotrione	3357.4983
Metconazole	3.3450
Methylene bis(thiocyanate)	16958.0000
Methylisothiocyanate	181.8750
Metofluthrin	0.0959

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Metolachlor	41155.7599
Metsulfuron methyl	29.8053
Mineral oil	2378.1867
Monosodium methanearsonate	1.3500
Myclobutanil	23.6940
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	8.6644
N-Alkyl (60% C14, 30%C16, 5%C12, 5%C18) dimethyl benzyl ammonium chloride	11105.4343
Naphthalene	3.5196
N-Dialkyl (60%C14, 30%C16, 5%C12, 5%C18) methyl benzyl ammonium chloride	72.8468
Neem Oil	184.5288
Nicosulfuron	43.9263
N-Octyl bicycloheptene dicarboximide	21.1292
Novaluron	0.2782
Noviflumuron	0.0348
Octyl Decyl Dimethyl Ammonium Chloride	1.4632
o-Phenylphenol	0.0660
Orthoboric Acid	52.3286
Oryzalin	6.2800
Oxytetracycline Hydrochloride	0.0972
Paclobutrazol	50.4402
Pelargonic acid	7.5402
Pendimethalin	428.0934
Penoxsulam	1.3090
Pentachloronitrobenzene	63.6190
Penthiopyrad	3.5950
Peppermint oil	106.1424
Permethrin	231.4356
Peroxyacetic Acid	0.1729
Phenothrin	1.2014
Phosmet	16.8000
Phosphorous acid	49.0712
Picoxystrobin	104.7511
Piperonyl butoxide	154.4234
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	85.8500
Polyoxorim	1.6272
Potassium salts of fatty acids	0.5602
Prallethrin	1.2423
Prodiamine	735.7513
Prohexadione calcium	14.6383
Prometon	113.5600
Propamocarb hydrochloride	145.0680
Propiconazole	399.7511
Prosulfuron	41.3638
Prothioconazole	20.4025

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Puriproxyfen	0.0217
Pydiflumetofen	4.0414
Pymetrozine	0.0080
Pyraclostrobin	131.7658
Pyraflufen ethyl	0.3720
Pyrethrins	20.7680
Pyrethrum	0.0650
Pyridalyl	0.0018
Pyriproxyfen	32.3307
Pyroxasulfone	900.8786
Quinclorac	195.8470
Rimsulfuron	322.3555
Rosemary oil	538.6578
Saflufenacil	28.8705
Sethoxydim	16.0100
Siduron	1.8550
Silicon Dioxide	11.5489
Simazine	4504.9000
S-methoprene	0.4693
Sodium bromide	5814.4615
Sodium bromosulfamate	3003.1268
Sodium chlorosulfamate	3003.1268
Sodium hypochlorite	11447.5117
Sodium lauryl sulfate	0.0688
Sodium nitrate	5.8402
Spinetoram	0.0010
Spinosad	9.5250
Spiromesifen	1.7200
Spirotetramat	0.0600
Sulfentrazone	91.2422
Sulfometuron methyl	258.3866
Sulfur	14.4006
Tebuconazole	1291.3500
Tembotrione	813.3149
Tetrakis(hydroxymethyl) phosphonium sulfate	8.9640
Tetramethrin	0.1271
TFM	531.0550
Thiabendazole Hypophosphite	24.3540
Thiamethoxam	6.3100
Thiencarbazone-methyl	160.9686
Thifensulfuron	115.7201
Thiophanate-methyl	2832.3893
Thiram	97.3032
Thyme oil	28.4026

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Topramezone	0.0028
Triadimefon	159.2912
Tribenuron-methyl	18.8371
Trichlorfon	168.0412
Trichloro-s-triazinetrione	374.0353
Triclopyr	1098.9052
Trifloxystrobin	185.6400
Trifluralin	27.5685
Trinexapac-ethyl	116.7614
Triticonazole	4.4305
Uniconazole-P	0.00003
Vinclozolin	2.3500
Z-9-Tricosene	0.1021
Zeta-cypermethrin	4.1957
Zinc ion and manganese ethylenebisdithiocarbamate	105.0600
Zinc phosphide	2.6302
1-Naphthaleneacetic acid	0.0428
Grand Total	1019946

Due to software limitations, numbers are not rounded for significant figures