

**List of “Exempted Substances” Adopted in the USA<sup>1</sup>**

1. (Z)-11-Hexadecenal (exempted in artichokes)
2. 1,4-Dimethylnaphthalene (exempted in potatoes)
3. 1-Methylcyclopropene
4. 3,7,11-trimethyl-1,6,10-dodecatriene-1-ol and 3,7,11-trimethyl-2,6,10-dodecatriene-3-ol
5. 6-Benzyladenine (exempted in apple, pear and pistachio)
6. Allyl isothiocyanate as a component of food grade oil of mustard
7. *Alternaria destruens* strain 059
8. Ammonium bicarbonate
9. *Ampelomyces quisqualis* isolate M10
10. Arthropod pheromones
11. *Aspergillus flavus* AF36 (exempted in cotton and its food commodities)
12. *Aspergillus flavus* NRRL 21882 (exempted in peanut and its food commodities)
13. Auxins
14. Azadirachtin
15. *Bacillus cereus* strain BPO1
16. *Bacillus mycoides* Isolate J (exempted in sugar beets)
17. *Bacillus pumilus* GB34 (except soya bean)
18. *Bacillus pumilus* strain QST 2808
19. *Bacillus sphaericus*
20. *Bacillus subtilis* GB03
21. *Bacillus subtilis* MBI 600
22. *Bacillus subtilis* strain QST 713
23. *Bacillus subtilis* var. *amyloliquefaciens* strain FZB24
24. *Beauveria bassiana* ATCC #74040
25. *Beauveria bassiana* Strain GHA
26. Biochemical pesticide plant floral volatile attractant compounds: cinnamaldehyde, cinnamyl alcohol, 4-methoxy cinnamaldehyde, 3-phenyl propanol, 4-methoxy phenethyl alcohol, indole, and 1,2,4-trimethoxybenzene (exempted in alfalfa, clover, cotton, dandelion, peanuts, rice, sorghum, soy beans, sunflower, sweet potatoes, wheat, asparagus, beans, beets, carrots, celery, cabbage, broccoli, brussels sprouts, cauliflower, kale, mustard greens, turnip greens, kohlrabi, corn, chinese cabbage, cowpeas,

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<sup>1</sup> The list is updated as of July 2007. Inert ingredients of the pesticide formulations as well as substances derived from genetic modification of the crops have not been listed in this Annex.

- cucumbers, squash, pumpkin, egg plant, endive, radish, rutabagas, turnip roots, spinach, swiss chard, lettuce, okra, parsley, parsnip, peas, peas with pods, peppers, potatoes, sugar beets, tomatoes; the following tree fruit, berry, nut, almonds, apples, apricots, blackberry, boysenberry, dewberry, loganberry, raspberry, blueberry, cherry, grapefruit, kumquat, lemon, lime, orange, tangelo, and tangerine, cranberry, grapes, watermelon, honeydew, crenshaw, cantaloupe, casaba, persian, nectarines, pears, pecans, peaches and strawberry)
27. Boric acid and its salts, borax (sodium borate decahydrate), disodium octaborate tetrahydrate, boric oxide (boric anhydride), sodium borate and sodium metaborate
  28. C12-C18 fatty acid potassium salts
  29. C8, C10, and C12 fatty acid monoesters of glycerol and propylene glycol
  30. Calcium hypochlorite
  31. *Candida oleophila* isolate I-182
  32. Capsaicin
  33. Chlorine gas
  34. Chloropicrin
  35. Cinnamaldehyde
  36. Citronellol
  37. Clarified hydrophobic extract of neem oil
  38. Codlure, (E,E)-8,10-Dodecadien-1-ol
  39. *Colletotrichum gloeosporioides* f. sp. *aeschy nom ene* (exempted in rice grain and soya bean)
  40. *Coniothyrium minitans* strain CON/M/91-08
  41. Copper
  42. CryIA(c) and CryIC derived delta-endotoxins of *Bacillus thuringiensis* var. *kurstaki* encapsulated in killed *Pseudomonas fluorescens*, and the expression plasmid and cloning vector genetic constructs
  43. Cytokinins
  44. Decanoic acid
  45. Delta endotoxin of *Bacillus thuringiensis* variety *kurstaki* encapsulated into killed *Pseudomonas fluorescens*
  46. Delta endotoxin of *Bacillus thuringiensis* variety *San Diego* encapsulated into killed *Pseudomonas fluorescens*
  47. Diallyl sulfides (exempted in garlic, leeks, onions, and shallots)
  48. Diatomaceous earth
  49. Ethylene
  50. Eucalyptus oil (exempted in honey and honeycomb)
  51. F.D.&C. Blue No. 1

52. Ferric phosphate
53. Ferrous sulfate
54. Foramsulfuron (exempted in corn grain)
55. Formic acid (exempted in honey and beeswax)
56. Gamma aminobutyric acid (GABA)
57. GBM-ROPE (exempted in grape)
58. Geraniol
59. Gibberellins [Gibberellic Acids (GA3 and GA4 + GA7), and Sodium or Potassium Gibberellate]
60. *Gliocladium catenulatum* strain J1446
61. *Gliocladium virens* isolate GL-21
62. Harpin protein
63. Hydrogen peroxide
64. Imazamox
65. Inclusion Bodies of the multi-nuclear polyhedrosis virus of *Anagrapha falcifera*
66. Indian Meal Moth Granulosis Virus
67. Isomate-C
68. Isomate-M (exempted in peaches, quinces, nectarines, and macadamia nuts)
69. Jojoba oil
70. Kaolin
71. Killed *Myrothecium verrucaria*
72. Lactic acid
73. *Lagenidium giganteum* (a fungal organism exempted in rice grain and soya bean)
74. Lepidopteran pheromones that are naturally occurring compounds, or identical or substantially similar synthetic compounds, designated by an unbranched aliphatic chain (between 9 and 18 carbons) ending in an alcohol, aldehyde or acetate functional group and containing up to 3 double bonds in the aliphatic backbone
75. L-glutamic acid
76. Lime
77. Lime-sulfur
78. Lysophosphatidylethanolamine (LPE)
79. Methol (exempted in beeswax and honey)
80. Methoprene
81. Methyl anthranilate
82. Methyl eugenol and malathion combination
83. Methyl salicylate

84. Monocarbamide dihydrogen sulfate
85. Muscodor albus QST 20799 and the volatiles produced on rehydration
86. N-Octylbicyclo(2,2,1)-5-heptene-2,3-dicarboximide
87. Nosema locustae
88. Nuclear polyhedrosis virus of Heliothis zea (exempted in corn, cottonseed, beans, lettuce, okra, peppers, sorghum, soybeans and tomatoes)
89. Occlusion Bodies of the Granulosis Virus of Cydia pomonella
90. *Paecilomyces lilacinus* strain 251
91. *Pantoea Agglomerans* Strain C9-1 (exempted in apple and pear)
92. *Pantoea Agglomerans* Strain E325 (exempted in apple and pear)
93. Paraformaldehyde
94. Parasitic (parasitoid) and predatory insects
95. *Pasteuria penetrans* (except roots and tubers)
96. Pelargonic acid (exempted in root and tuber vegetable, bulb vegetable or cotton)
97. Peroxyacetic acid
98. Petroleum oils
99. Phosphorous acid (exempted in potato)
100. *Phytophthora palmivora* (exempted in citrus fruits)
101. Pine oil (exempted in honey and beeswax)
102. Piperonyl butoxide
103. Plant extract derived from *Opuntia lindheimeri*, *Quercus falcata*, *Rhus aromatica* and *Rhizophora mangle*
104. Polybutenes
105. Poly-D-glucosamine (chitosan)
106. poly-N-acetyl-D-glucosamine
107. Potassium bicarbonate
108. Potassium dihydrogen phosphate
109. Potassium silicate
110. Potassium sorbate
111. Propanoic acid (exempted in alfalfa, barley grain, clover, corn grain, oat grain, sorghum grain and wheat grain)
112. *Pseudomonas chlororaphis* Strain 63-28
113. *Pseudomonas fluorescens* A506, *Pseudomonas fluorescens* 1629RS, and *Pseudomonas syringae* 742RS
114. *Pseudomonas syringae*
115. *Pseudozyma flocculosa* strain PF-A22 UL
116. Pyrethrum and pyrethrins

117. Reynoutria sachalinensis extract
118. Rhamnolipid biosurfactant
119. Rotenone or derris or cube roots
120. Sabadilla
121. Sesame stalks (exempted in cotton, soybeans, potatoes, sugarbeets, tomatoes, bell peppers, squash, strawberries, eggplants, cucumbers, carrots, radish, turnips, onions, peas, melons, grapes, walnuts, almond, orange, grapefruit, mulberry, peach, apple, apricot, blackberry, loganberry, pecan, cherry, plum, and cranberry)
122. Sodium 5-nitroguaiacolate
123. Sodium bicarbonate
124. Sodium carbonate
125. Sodium chlorate (exempted in dry beans, corn grain, cottonseed, flaxseed, guar beans, peas, chili peppers, potatoes, rice, safflower grain, sorghum grain, soya bean and sunflower seed)
126. Sodium chlorite (exempted in Brassica leafy vegetables and radishes)
127. Sodium diacetate (exempted in corn grain and oat grain)
128. Sodium hypochlorite
129. Sodium metasilicate
130. Sodium o-nitrophenolate
131. Sodium p-nitrophenolate
132. Sorbitol Octanoate
133. Spodoptera exigua nuclear polyhedrosis virus
134. *Streptomyces lydicus* WYEC 108
135. *Streptomyces sp.* strain K61
136. Sucrose octanoate esters
137. Sulphur
138. Sulphuric acid (exempted in garlic, onion and potato)
139. Tomato pinworm insect pheromone
140. *Trichoderma harzianum* KRL-AG2 (ATCC #20847) strain T22
141. *Trichoderma harzianum* strain T-39
142. Viable spores of the microorganism *Bacillus popilliae*
143. Viable spores of the microorganism *Bacillus thuringiensis* Berliner
144. Xanthomonas campestris pv. vesicatoria and Pseudomonas syringae pv. tomato specific Bacteriophages (exempted in tomato and pepper)
145. Xylene
146. Yeast Extract Hydrolysate from *Saccharomyces cerevisiae*