

71. N-Nitrosodiethylamine
72. N-Nitrosodimethylamine (NDMA)
73. N-Nitrosomethylethylamine
74. N-Nitrosomorpholine (NMOR)
75. N-Nitrosornicotine (NNN)
76. N-Nitrosopiperidine (NPIP)
77. N-Nitrosopyrrolidine (NPYR)
78. N-Nitrososarcosine (NSAR)
79. Nornicotine
80. Phenol
81. PhIP
(2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine)
82. Polonium-210
83. Propionaldehyde
84. Propylene oxide
85. Quinoline
86. Selenium
87. Styrene
88. o-Toluidine
89. Toluene
90. Trp-P-1
(3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole)
91. Trp-P-2
(1-Methyl-3-amino-5H-pyrido[4,3-b]indole)
92. Uranium-235
93. Uranium-238

Kemikali hizi husababisha magonjwa mbalimbali kama saratani ya koo, saratani ya mapafu, kushindwa kupumua, shinikizo la damu, magonjwa ya moyo, magonjwa katika mfumo wa uzazi na magonjwa mengine mengi.

“Matumizi ya Bidhaa za Tumbaku ni Hatari kwa Afya Yako”

Kwa maelezo zaidi wasiliana nasi kupitia:
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TMDA Hulinda Afya ya Jamii



MAMLAKA YA DAWA NA VIFAA TIBA



**KEMIKALI ZENYE
SUMU ZILIZO KWENYE
BIDHA ZA TUMBAKU**

UTANGULIZI

Mamlaka ya Dawa na Vifaa Tiba (TMDA) ni taasisi ya Serikali iliyo chini ya Wizara ya Afya, Maendeleo ya Jamii, Jinsia, Wazee na Watoto yenye jukumu la kulinda afya ya jamii kwa kuhakikisha bidhaa za dawa, vifaa tiba na vitendanishi ni salama, bora na fanisi kwa matumizi ya binadamu na mifugo.

TMDA imekasimishwa pia majukumu ya kudhibiti bidhaa za tumbaku ili kupunguza athari zake kwa binadamu.

BIDHAA ZA TUMBAKU NI NINI

Kwa mujibu wa Sheria ya Udhibiti wa Bidhaa za Tumbaku ya mwaka 2003, bidhaa za tumbaku ni bidhaa zilizotengenezwa au zinazotokana na tumbaku kwa ajili ya matumizi ya binadamu mfano sigara, siga, msokoto, shisha, sigara za kieletroniki na nyingine za aina hiyo.

KEMIKALI ZENYE SUMU ZILIZOMO KWENYE BIDHAA ZA TUMBAKU

Kuna jumla ya kemikali 93 zenye sumu zilizomo kwenye bidhaa za tumbaku ambazo huleta madhara ya kiafya kwa watumiaji. Kemikali hizo ni hizi zifuatazo:

1. Acetaldehyde
2. Acetamide
3. Acetone
4. Acrolein
5. Acrylamide
6. Acrylonitrile
7. Aflatoxin B1
8. 4-Aminobiphenyl
9. 1-Aminonaphthalene
10. 2-Aminonaphthalene

11. Ammonia
12. Anabasine
13. o-Anisidine
14. Arsenic
15. A- α -C
(2-Amino-9H-pyrido[2,3-b]indole)
16. Benz[a]anthracene
17. Benz[j]aceanthrylene
18. Benzene
19. Benzo[b]fluoranthene
20. Benzo[k]fluoranthene
21. Benzo[b]furan
22. Benzo[a]pyrene
23. Benzo[c]phenanthrene
24. Beryllium
25. 1,3-Butadiene
26. Cadmium
27. Caffeic acid
28. Carbon monoxide
29. Catechol
30. Chlorinated dioxins/furans
31. Chromium
32. Chrysene
33. Cobalt
34. Coumarin
35. Cresols (o-, m-, and p-cresol)
36. Crotonaldehyde
37. Cyclopenta[c,d]pyrene
38. Dibenz[a,h]anthracene
39. Dibenzo[a,e]pyrene
40. Dibenzo[a,h]pyrene
41. Dibenzo[a,i]pyrene
42. Dibenzo[a,l]pyrene
43. 2,6-Dimethylaniline
44. Ethyl carbamate (urethane)
45. Ethylbenzene
46. Ethylene oxide
47. Formaldehyde
48. Furan
49. Vinyl acetate
50. Vinyl chloride
51. Glu-P-1
(2-Amino-6-methyldipyrido[1,2-a:3',2'-d]imidazole)
52. Glu-P-2
(2-Aminodipyrido[1,2-a:3',2'-d]imidazole)
53. Hydrazine
54. Hydrogen cyanide
55. Indeno[1,2,3-cd]pyrene
56. IQ
(2-Amino-3-methylimidazo[4,5-f]quinoline)
57. Isoprene
58. Lead
59. MeA- α -C
(2-Amino-3-methyl)-9H-pyrido[2,3-b]indole)
60. Mercury
61. Methyl ethyl ketone
62. 5-Methylchrysene
63. 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)
64. Naphthalene
65. Nickel
66. Nicotine
67. Nitrobenzene
68. Nitromethane
69. 2-Nitropropane
70. N-Nitrosodiethanolamine (NDELA)