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J. T. Garrett - Med. Dept,

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Toxicity of Dow 3X and Dow 6X
Compared to that of Aroclor
1242, 1254 and 1260

W. R. Richard

You asked for a comparison of toxicity data between Dow 3X and Aroclor 1242 as well as Dow 6X and Aroclor 1254 and 1260. Attached is a table of data showing the Oral $LD_{50}$'s and skin absorption MLD's in rats and rabbits respectively.

These data show that the Dow products are somewhat more toxic than our products with the exception of the skin absorption toxicity of Aroclor 1242 as compared to Dow 3X. In general the differences are not overwhelmingly significant.

Jack T. Garrett

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| | Aroclor 1242 | Dow 3X | Aroclor 1254 | Aroclor 1260 | Dow 6X |
|---|---|---|---|---|---|
| Oral $LD_{50}$ in rats in mg/kg | 8650 | 5950 | 11,900 | 10,000 | 3200 |
| Skin Absorption MLD in rabbits in mg/kg | 794-1260 | 3160-5010 | 1260-2000 | 1260-2000 | 794-1260 |

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