

St. Louis

October 26, 1966

TOXICITY OF PYDRAUL 312

Mr. Dale Smith

This compound has been extensively tested with the following results:

The oral toxicity in rats shows an LD_{50} of 6500 mg/kg with a survival time of one to four days. These data indicate the compound is "practically non-toxic" by oral ingestion in rats.

Skin absorption toxicity in rabbits produced an MLD of between 2000 and 3160 mg/kg, with a survival time of four to six days. These data indicate the compound is slightly toxic by skin absorption in rabbits.

Skin irritation studies where the compound was applied undiluted to rabbit skin gave a maximum score of 1.3 out of 8 in 24 hours. These data indicate the compound is a slight skin irritant when applied undiluted to intact skin.

Eye irritation studies in rabbits where the compound was applied undiluted to the rabbits eyes gave a maximum score of 13 out of 110 in 24 hours. These data indicate the compound is a slight eye irritant.

Vapor inhalation studies indicate that rats can survive a six hour exposure and a ten day observation period. The animals appeared unaffected by the exposure. These data indicate that the vapors were practically non-toxic under the conditions of the test.

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JTG/ln

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