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PYDRAUL 281 TOXICITY SCREENS - LOT OL42

The undiluted sample was classed as practically non-toxic when administered orally to mixed sex rats. The acute oral LD_{50} was 10,400 mg/kg. Most deaths occurred in 3 days. Toxic Signs were reduced appetite and activity, lethargy, increasing weakness, collapse, and death. Macroscopic examination of those that succumbed revealed lung hyperemia, liver discoloration, and gastrointestinal inflammation. Macroscopic examination of those that were sacrificed revealed a normal viscera.

The undiluted sample was classed as mildly toxic when applied to and retained for 24 hours on the clipped intacts skin of mixed sex rabbits. The acute minimal lethal dose was greater than 1260 but less than 2000 mg/kg. Time to death was 5 to 13 days. Toxic signs were reduced appetite and activity, increasing weakness, tremors, collapse and death. Macroscopic examination of those that succumbed revealed hemorrhagic lungs, jaundiced liver, enlarged gall bladder, discolored kidneys and gastrointestinal inflammation. Macroscopic examination of those that were sacrificed revealed areas of lung congestion and slight liver discoloration.

The undiluted sample was classed as a moderate irritant when applied to and retained for 24 hours on the clipped intact skin of mixed sex rabbits. The maximum irritation (2.6/8) occurred at 24 hours of contact. At this time the sample was removed. The maximum irritation observed was slight erythema and slight edema. Forty-eight hours after removal the skin was normal.

The undiluted sample was classed as a mild irritant when instilled and retained for 24 hours in the conjunctival sac of the rabbit eye. Maximum irritation occurred at 1 hour of contact (16/110). There was beefy-redness and slight edema. At 24 hours of contact the score was 4.6/110. At this time the eye was irrigated and 4 days later the eye was normal.

When male rats were exposed for 6 hours to the vapours generated at ambient temperature there were no toxic signs nor did any develop during the 10 days of observation. The sample was classed as practically non-toxic. Macroscopic examination of the sacrificed animals revealed normal visceras.

Handle as any other liquid Aroclor or Pydraul. In case of skin contact wash off with soap and water. In case of accidental eye contact flush out with water. If irritation persists consult a physician.

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