TOXICITY INFORMATION ON: INERTEEN PPO - Westinghouse

TOXICITY

The rat acute oral LD_{50} of INERTEEN PPO is 2.37 grams/kilogram. When held in continuous 24-hour contact with rabbit skin, the dermal LD_{50} was estimated to be between 3.16 grams/kilogram and 5.01 grams/kilogram. Thus, INERTEEN PPO is considered slightly toxic by ingestion in single doses and by single dermal applications.

When 0.1 milliliter of undiluted INERTEEN PPO was placed into the conjunctival sac of the rabbit eye, a moderate degree of irritation resulted. The average maximum score, recorded 1-hour after treatment, was 35.6 on a scale of 110.0. The irritation in 2 of 3 treated eyes had subsided by 168 hours after dosing.

A moderate degree of irritation resulted when INERTEEN PPO was held in continuous 24-hour contact with intact rabbit skin. The average maximum score, recorded 24 hours after treatment, was 4.6 on a scale of 8.0.

HANDLING PRECAUTIONS

In case of eye contact, flush immediately with large volumes of water. If irritation persists, consult a physician.

Repeated or prolonged skin contact with INERTEEN PPO should be avoided. In case of skin contact, wash affected area thoroughly with soap and water.

INERTEEN PPO has a negligible vapor pressure at room temperature and it is not expected to present a significant vapor inhalation hazard under ambient conditions. However, precautions should be observed to avoid inhalation of increased vapor concentrations which may occur if INERTEEN PPO is used at elevated temperatures.

ENVIRONMENTAL HAZARDS

During the past several years, evidence has accumulated to indicate that polychlorinated biphenyls are widely dispersed throughout the environment and that they can have adverse ecological and toxicological effects. Extreme care should, therefore be taken by all users of INERTEEN PPO to prevent any entry into the environment through spills, leakage, use or disposal.

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The above information is based upon studies conducted for Monsanto Company. It is believed to be correct, and it is supplied to others upon the condition that the persons receiving it shall make their own determination of its suitability for their purposes. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use.

Inquiries regarding this information are to be referred to the Department of Medicine & Environmental Health, 800 N. Lindbergh, St. Louis, Mo. 63166, (314) 694-1000.