TOXICITY INFORMATION ON: SANTOSAFE® Water Glycol (W/G) 15 hydraulic fluid

TOXICITY

When SANTOSAFE W/G 15 was administered in single oral or dermal doses to rats and rabbits, respectively, the highest dosages tested (15.8 grams/kilogram and 7.94 grams/kilogram, respectively) were found to be non-lethal. Thus, SANTOSAFE W/G 15 is considered to be practically non-toxic by ingestion in single doses and by single dermal applications.

A slight degree of irritation resulted when 0.1 ml of undiluted SANTOSAFE W/G 15 was placed into the conjunctival sac of the rabbit eye. The average score of the 24-, 48- and 72-hour readings was 1.8 on a scale of 110.0. All eyes had regained a normal appearance 72 hours after dosing.

When undiluted SANTOSAFE W/G 15 was held in continous 24-hour contact with intact and abraded rabbit skin, only a trace of irritation resulted. The Primary Irritation Index was 0.5 on a scale of 8.0.

Six male rats exposed for 6 hours to an atmosphere containing a nominal concentration of 4.1 milligrams/Liter of SANTOSAFE W/G 15 vapor survived both the test and subsequent 14-day observation periods without observable effects.

HANDLING PRECAUTIONS

This material appears to possess no acute toxicologic properties which would require special handling other than the good hygienic practices employed with any industrial chemical.

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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 Corporate Medical Department, 800 N. Lindbergh, St. Louis, Mo. 63166, (314) 694 1000.

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