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October 5, 1959

AIR MAIL

Etablissements Osterrieth S.A.
64, Longue Rue Neuve
Antwerp, Belgium

Gentlemen:

Your letter of September 23 requesting toxicity information on our product Pydraul 150 has been forwarded to me for reply.

Animal toxicity studies with this product indicate that it is practically innocuous when fed orally to rats since animals survived doses of 28.5 grams per kilogram of body weight. The only observable symptoms of the animals were loss of appetite and severe diarrhea. When applied to the unbroken skin of rabbits, the animals survived doses up to 9.5 grams per kilogram of body weight indicating that the fluid is not readily absorbed through the skin.

In rabbit skin and eye irritation studies, the fluid was no more irritating than a 10% soap solution tested similarly. The animal eye test does not measure the pain which results if there is accidental splashing in the eyes of humans. In the case of workmen, the degree of pain has been out of proportion to the degree of actual irritation to eye tissues. There is no evidence of any permanent damage to eye tissues or sight.

In acute inhalation experiments, rats survived a six-hour exposure to an atmosphere saturated with vapors of the fluid.

We recommend that prolonged breathing of vapors or mists and contact with eyes or prolonged contact with the skin be avoided. If there is accidental splashing in the eyes, the

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eyes should be immediately flushed with water and the worker should be referred to a physician. If clothing becomes soaked with fluid, it should be laundered before wearing again.

If I can be of any further assistance, please let me know.

Very truly yours,

R. Emmet Kelly, M.D.
Medical Director

REK:dh

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