

- 966 Industrial Barrier Creams for Protection from Solvents.
H. von Czetsch-Lindenwald. *Fette u. Seifen.* 53, 751-752
(1951) German.

Various formulations were tested against common industrial solvents. The following were most effective: (1) gelatin 4, glycerol 30, and water to 100 parts; (2) Luviscol (sodium polyacrylate) 10, glycerol 30, and water to 100 parts; and (3) Polyfibron (cellulose ether) 4, glycerol 30, and water to 100 parts.
-- Chem. Absts.

- 967 Research in Fungicides Results in Protection for Fruit Packers and Sorters against Dermatitis. J. L. Sealey. *Occ. Health (USPHS)* 12, 139-140 (Sept. 1952).

A number of cases of "left arm dermatitis" occurred among packers and sorters of apples and pears in plants in the Pacific northwest, where sodium chloro-2 phenyl phenate was used as a fungicide. Irritation of the eyes, throat, and nose was also reported. Investigation by the Washington State Board of Health showed that the use of protective clothing, frequent laundering, personal hygiene, temperature control of wash solution, and good ventilation successfully controlled the outbreaks of dermatitis and other irritation. Another fungicide, sodium ortho phenyl phenate, was found to cause less irritation and sensitization than the chloro compound.

- 968 Dermatitis Venenata Due to Potassium Undecylenate. S. I. Rogers and H. Shatin. *Arch. Dermatol. & Syphilol.* 66, 289 (Aug. 1952).

A case of dermatitis due to potassium undecylenate is reported. Sensitization to this salt and to other undecylenic acid salts is apparently very rare, judging by the scarcity of reports on such a condition.

-- Authors' Summary

CHEMICAL HAZARDS

- 969 Carbon Monoxide Uptake in Relation to Pulmonary Performance.
T. F. Hatch. *Arch. Ind. Hyg. & Occ. Med.* 6, 1-8 (July 1952).
Reprints available from the Foundation.

In man the rate of carbon monoxide uptake in relation to pulmonary performance follows the simple exponential equation for respiratory