

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: December 19, 1977 *MLG 12/27/77*

SUBJECT: Lonza Formulation 71-30 - Addition of Data to Files EPA Reg. #6836-34
Caswell #613A, 392H, 331A, 846, 898 Shaughnessy #069165, 069149, 069166,
039107, 076406

FROM: Toxicology Branch
Registration Division

TO: Joseph Tavano
Product Manager #31

Recommendation

The acute dermal LD₅₀ study is adequate and has been designated Core-Minimum Data.

*No RPAR criteria have been exceeded.

Review

1. Acute Dermal LD₅₀ of Disinfectant Cleaner 71-30 - (Leberco Laboratories, Assay #73136, 3/8/77, submitted by Lonza on 4/5/77, Acc.#232263)

4 female rabbits had 10% of their hair removed from their backs with an electric clipper. The test material was applied at 5 ml/kg, which was the largest amount that could be applied. The test sites were occluded for 24 hours, after which the wrapping was removed and any residual test material was washed off the skin. The animals were observed for 14 days.

Results

LD₅₀ > 5 ml/kg (1/4 animals died)
Toxic Signs: not reported; (animal lost weight)
Necropsy: none performed
TOX Category: III
Classification: Core-Minimum Data

- (1) necropsies were not performed; toxic signs if any, were not reported; however, since this was the largest dose that could be applied the dermal toxicity of the test material has been adequately characterized in female rabbits.

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