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ABSTRACT FOR STUDY HH-0022-2008

TITLE: Skin Sensitization for F10 Superconcentrate Batch no. 100124

The purpose of the study was to identify whether the test substance has skin sensitization potential. Determination of the potential to cause or elicit skin sensitization reactions (allergic contact dermatitis) is an important element in evaluating a substance's toxicity. Information derived from skin sensitization tests serves to identify possible hazards to a population exposed repeatedly to a test substance.

This study was conducted according to EPA Guideline 870.100 and 870.2600 Skin Sensitization (Buehler Method) and complied with registration requirements in South Africa, USA and Europe. Following initial exposure to a test substance, the animals were subjected, after a period of not less than 1 week, to a challenge exposure with the test substance to establish whether a hypersensitive state has been induced. Sensitization was determined by examining the reaction to the challenge exposure and comparing this reaction with that of the initial induction exposure.

All of the surviving animals were sacrificed at the end of the study.

The experimental technique in naive animals was assessed by the use of a positive control substance known to have mild-to-moderate skin-sensitizing properties.

Animal weights indicate that the animals in both the test and control group gained weight over the study period. This showed that the test substance had no general adverse affect on the animals health.

Skin sensitivity assessment showed that the test substance causes no skin sensitization in the animals tested.

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