DATA EVALUATION REPORT

STUDY TYPE: Skin Irritation Study in Rabbits.

TOX. CHEM. NO.: New Chemical 129032

ACCESSION NUMBER: D179381

MRID NO: 421783-05; Amended MRID #41827-14.

TEST MATERIAL: (2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine.

SYNONYMS: Sumilarv; S-31183.

STUDY NUMBER(S): GLN 81-5. (Carried out by the guideline of the Ministry of Agriculture, Forestry and Fisheries, Japan)

SPONSOR: Sumitomo Chemical Co., Osaka, Japan.

TESTING FACILITY: Sumitomo Chemical Company, Limited. 5-33, Kitahama 4-Chome, Chuo-Ku, Osaka, Japan.


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CONCLUSIONS:

Five hundred mg of Sumilarv was applied to abraded and intact skin of the back of 6 rabbits for 4 hours. No reactions (erythema or edema) were observed over the next 48 hours.

CLASSIFICATION: Non-Irritant. Core Guideline. Tox CAT IV ACCEPTABLE

A. MATERIALS:


**Housing:** Rabbits were housed in individual cages under standard laboratory conditions and offered food and water *ad libitum*.

**B. STUDY DESIGN:**

The hair on the backs of three males and three female rabbits was clipped on both sides of the median line (ca. 15 x 15 cm). One side of the clipped skin area was abraded using a 18 G needle. Five hundred mg of the Sumilarv dry powder was spread on a 2.5 x 2.5 cm lint patch and moistened with a small amount of water. The lint patch with the Sumilarv was then applied to the abraded and intact skin areas and covered with an occlusive tape held in place for 4 hours. At the end of the four hour period, the patch was removed and the skin wiped with cotton moistened with water. The reaction of the skin was scored at 4.5, 24, 48 and 72 hrs. from the application time using the method of Draize.

**C. RESULTS:**

The resulting scores of the skin reactions were summarized in Table 8, page 14 (attached). There were no signs of irritation (erythema or edema) in any of the animals at any of the evaluation times.

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