

TOXICOLOGY & MICROBIOLOGY STUDIES

TOX-147

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Vilvanolin™ P Lanolin Product

Toxicology Studies

INCI NAME: Isopropyl Lanolate

<u>TEST</u> <u>CONCLUSION</u>

Acute Oral Toxicity - Rats (50% Solution in Vegetable Oil)

 $LD_{50} > 40g/kg$

Eye Irritation - Rabbits Mild Transient Irritant (Procedure: 16 CFR 1500.42) (100% concentration)

Primary Skin Irritation - Rabbits Mild Irritant (Procedure: 16 CFR 1500.41) (100% concentration)

Repeated Insult Patch Test,
Occluded, 12 Applications
and Challenge

Not a Primary Irritant
(100% concentration)

Cosmetic Ingredient Review (CIR)

on Isopropyl Lanolate

Safe as used in cosmetic products

Maximum as used concentration: 26%¹

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¹ JEPT 4(4):121-32, 1980 confirmed 06/01 IJT 22(S1):1-35, 2003