

Schercemol™ GMIS Ester

Toxicology Studies

INCI NAME: GLYCEROL ISOSTEARATE

TEST

CONCLUSION

Acute Oral Toxicity – Rats

LD₅₀ > 5 g/kg

Primary Dermal Irritation – Rabbits

PI Index: 4.78
Moderate irritant¹

Primary Ocular Irritation – Rabbits

Average Draize Scores:
1.7/110 - 24hrs
0.3/110 - 48hrs
0.0/110 - 72hrs
Minimal irritant²

Cosmetic Ingredient Review (CIR)
On Glycerol Isostearate

Safe as used in cosmetic products
Maximum as used concentration: 6%³

¹ Based on the Environmental Protection Agency (EPA) Criteria

² Based on the Modified Kay and Calandra Interpretation of Eye Irritation Test

³ IJT 23(S2):55-94, 2004

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