



Toxicological data on Melissa EO *Melissa Officinalis*

CAS : 8014-71-9

Skin Sensitization :

LLNA

Local Lymph Node Essay (LLNA) (OCDE 429) (Robertet 2008)

EC3 calculated = 18% (w/v) 4500 μ g/cm²

Carrier acetone/Olive oil (4:1)

Human

Human Repeat Insult Patch Test (HRIPT) (Robertet 2001)

Test Protocol : Marzulli-Maibach protocol semi-occlusive

50 subjects

Test Concentration: 2% (w/w) (825 μ g/cm²)

Carrier Ethanol/DEP (1:3)

Conclusion : No induction of sensitization.

Human Repeat Insult Patch Test (HRIPT) (Robertet 2008)

Test Protocol : Marzulli-Maibach semi-occlusive

100 subjects

Test Concentration: 2 % (w/w) (910 μ g/cm²)

Carrier Ethanol/DEP (1:3)

Conclusion : No induction of sensitization

Human Repeat Insult Patch Test (HRIPT) (Robertet 2009)

Test Protocol : Marzulli-Maibach semi-occlusive

100 subjects

Test Concentration: 2 % (w/w) (1470 μ g/cm²)

Carrier Ethanol/DEP (1:3)

Conclusion : No induction of sensitization