



protectus
Viridis



IS YOUR HAND SANITISER DAMAGING YOUR SKIN?

Repeat Open Application Patch Test (ROAT) for Sensitive Skin

Protectus Viridis Hand Disinfectant

Background and design of the study

This clinical study was designed to assess the potential for skin irritancy of Viridis Hand Disinfectant. The approach was designed to represent likely exposure to the skin when regularly using the product. The repeat open application test (ROAT) is a simple method of testing for allergic contact dermatitis (delayed-type allergy or type- 4 hypersensitivity reaction) and whether the reaction of the chemical on the skin is serious or not. ROAT is most useful when an individual has a 1 + reaction to a chemical found on leave-on consumer product such as hand sanitisers.

Summary of the test method

The product to be tested by open application is applied directly to a small area of skin (see test site below). The application is left for 1 hour on the skin and repeated over the next 3 days and the treated area observed to see whether contact dermatitis arises.



Consistency & compliance

The practices and procedures of this study were based on the principles of ICH-GCP and Phase 1 Clinical Guidelines published by the Association of the British Pharmaceutical Industry (2007).



Volunteers

The subjects used for this test were 30 non-patient volunteers with self-diagnosed sensitive skin.



Age range

Volunteers were aged between 18 and 75 years, generally healthy.



Test site

The body part used for the irritancy study was mid to lower part of the back between the waistline and the mid-point between the waist and the shoulders (selected to be the most sensitive part of the body to allergen).

Conclusion

The product Protectus Viridis Hand Disinfectant is Dermatologically tested and proven to be suitable for use on sensitive skin.

