

Short Communications

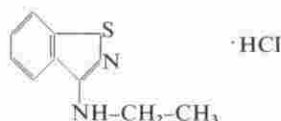
Contact allergy to 3-ethylamino-1,2-benzisothiazol-hydrochloride, a veterinary fungicide

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Antimycotic agents are biologically active substances, which relatively often give rise to iatrogenic contact allergy. Some antimycotics are used only in veterinary practice so that not only veterinarians but also keepers of animals can be affected as well.

A kennel owner with a relapsing vesicular hand dermatitis during the last few years was examined in connection with acute intensive flaring up. He treated dogs with antimycotic substances of different kinds, including 3-ethylamino-benzisothiazol-hydrochloride (Ectimar®), used only in veterinary medicine.



Patch testing with this substance (1 % in petrolatum) revealed a contact allergy to the drug. Thin-layer chromatography with two different developing solvents showed only one spot indicating that the drug was pure. The

reaction to the chemically related preservative, 1,2-benzisothiazolin-3-one (Bang Pedersen 1976) was negative.

There was, however, also a strongly positive reaction to buclosamide (Jadit®) powder. This substance was used instead of talcum in the patient's protective rubber gloves. Buclosamid is a well-known plain and photo sensitizer, but as far as we know contact allergy to 3-ethylamino-1,2-benzisothiazol-hydrochloride has not been described.

References

- Bang Pedersen, N. (1976) Occupational allergy from 1,2 benzisothiazolin-3-one and other preservatives in plastic emulsions. *Contact Dermatitis* 2, 340-342.
- Plempel, M. & Böshagen, H. (1968) Experimentelle Untersuchungen über eine neue fungizide Verbindung: Bay Va 5387 (3-ethylamino-1,2-benzisothiazol-hydrochloride). *Veterinär-Medizinische Nachrichten* 4, 275-288.

Allergic contact dermatitis to an epoxy hardener: dodecenyl-succinic anhydride

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A female laboratory technician prepared tissues for electron microscopy for several hours each week. The embedding material is composed of

epoxy resin monomer, propylene oxide, an accelerator and two hardeners, one of which is dodecenyl-succinic anhydride. The work is

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