

US EPA ARCHIVE DOCUMENT

DATE: August 12, 1998  
TO: Tina Levine, Branch Chief, Insecticide/Rodenticide Branch  
FROM: Virginia Dobozy, RRB1, Health Effects Division  
SUBJECT: Amitraz - Animal Incident Referred from Region 10

Attached is a copy of an incident involving a dog exposed to Preventic collar (amitraz) from Region 10. It was requested that HED send a copy of the report to the Registration Division after our review. The incident involved a dog that became ill after being confined in a closed space with another dog wearing a Preventic collar. In the past, the ill dog had shown some sensitivity to this collar. There is a label warning that some animals may be sensitive to the collar. According to the report, the dog owner, who is a veterinarian, spoke to the registrant's technical representative, who said an animal in close confinement with a dog wearing a collar would not be affected. The animal is reported to have chronic liver failure, which is not consistent with the usual signs of toxicosis reported in the veterinary literature, including depression, anorexia, weakness, salivation, ataxia, tremors and dyspnea. Amitraz is approved by FDA for the treatment of demodectic mange as a 19.9% solution. Much of the adverse reaction information in the literature comes from this use. In assigning a causality category to this incident, it would probably be unrelated or unknown, based on the limited amount of information in the report.

Sixty-nine (69) incidents are in the Incident Data System for Preventic collars since 1992. However, some of the entries are for summary reports so the actual number of cases is probably higher. There are some deaths. It appears that a large number of the reactions occurred after ingestion of the collars. There is a label warning about ingestion.

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