06 - 0591

Study Report

On

Drugs and Animal Products that May be Used in the Manufacture of Methamphetamine

Submitted By:
Minnesota Board of Veterinary Medicine
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The 2005 Minnesota Legislature passed comprehensive methamphetamine and methamphetamine precursor laws. That legislation required that animal drugs and products that contain ephedrine or pseudoephedrine be prescription medications. Part of that same legislation directed the Board of Veterinary Medicine to study and report on animal products that may be used in the manufacture of methamphetamine.

ARTICLE 7
METHAMPHETAMINE PROVISIONS

Section 1. [35.051] [EPHEDRINE AND PSEUDOEPHEDRINE PRODUCTS.]
Subdivision 1. [PRESCRIPTION REQUIRED.] Drugs and products for any species of animal that contain ephedrine or pseudoephedrine require a written prescription from a veterinarian to be sold or distributed for lay use.
Subd. 2. [SALE AND PURCHASE RESTRICTIONS.] A drug or product for any species of animal containing ephedrine or pseudoephedrine may only be dispensed, sold, or distributed by a veterinarian or a veterinary assistant under the supervision or direction of a veterinarian. A person who is not a veterinarian may not purchase a drug or product for animal consumption containing ephedrine or pseudoephedrine without a prescription.

Sec. 20. [BOARD OF VETERINARY MEDICINE REPORT, PRECURSOR ANIMAL PRODUCTS.]
The Board of Veterinary Medicine shall study and issue a report on animal products that may be used in the manufacture of methamphetamine. The report must include proposals for restricting access to such products only to legitimate users, specifically addressing the manufacturing, wholesaling, distributing, and retailing of precursor veterinary products. The board shall report its findings to the chairs and ranking minority members of the senate and house committees having jurisdiction over criminal justice and veterinary policy by February 1, 2006.

Scope of Study and Methods: The American Veterinary Medical Association (AVMA) and the Network of Animal Health (NOAH) database(s) were searched for all veterinary products and drugs that contain ephedrine and pseudoephedrine compounds. Material Safety Data Sheets (MSDS) were obtained on all identified products and manufacturers were interviewed and/or researched. The research indicates that prescribing of the extra-label use of human drugs that contain ephedrine or pseudoephedrine for animal use is limited in the veterinary industry.

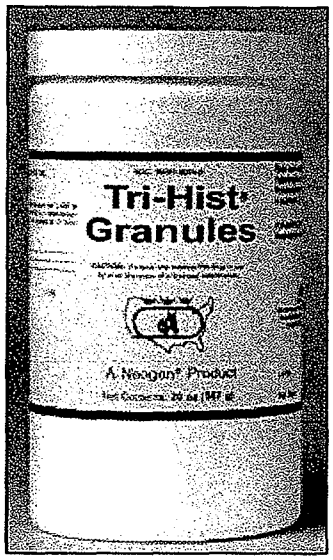
Report: A very limited number of veterinary drugs and animal health products that contain methamphetamine precursor drugs were identified. The primary, if not only, product that is suitable for the manufacture of methamphetamine is an oral, granular, antihistamine product used in horses. This product carries on the label the statement *Federal law restricts this drug to use by or on the order of a licensed veterinarian.* It is sold under different names and product labels and is manufactured by NEOGEN© Corporation, Animal Safety Division, 944 Nandino Blvd., Lexington, KY 40511.

In addition, the 2005 Minnesota legislation provides that veterinary drugs containing ephedrine and pseudoephedrine are prescription medications and are Class 5 substances, requiring that sales to end users be recorded and archived. These products may only be sold to the end user by a veterinarian who has a valid veterinarian-client-patient relationship (VCPR) or by a licensed pharmacy that is presented with a valid prescription signed by a licensed veterinarian.

Manufacturers may only sell these products to wholesalers and distributors that are registered with the FDA, are licensed by the state board of pharmacy (if required in that state) and that hold a current DEA (Drug Enforcement Agency) license. The DEA requires that all sales of the product be recorded and that a list of sales showing amount sold, date of sale, and to which entity it was sold be available for inspection and review. Veterinarians, distributors, wholesalers and pharmacies that hold a DEA license must report any suspicious purchases of these products to the DEA.

Summary: The framework for regulation of sales of veterinary products that contain ephedrine and pseudoephedrine compounds and the accountability of the individuals and entities selling the products appears to be adequate. Ongoing education of veterinarians, pharmacists and pharmacies, and drug distributors and wholesalers is necessary to ensure compliance with existing laws and regulations. Availability of veterinary drugs and animal health products containing ephedrine and pseudoephedrine compounds for inappropriate or illegal use does continue to exist. Internet sales and animal health product catalog sales from companies based in other states or countries may be a source of these products. Most of these potential problems, however, need to be addressed by federal legislation or by the individual states or countries where these companies reside.

NEOGEN



Tri-Hist® Granules

Antihistamine Decongestant Oral Powder, Cornmeal based

Indications

For use when a histamine antagonizing preparation is required.

Each ounce contains:
- Pyrilamine Maleate U.S.P. 600 mg
- Pseudoephedrine Hydrochloride U.S.P. 600 mg
- Cornmeal q.s.

Dosage and Administration

1/2 ounce (level tablespoon) per 1,000 lbs body weight. Can be mixed with feed and repeated at 12 hour intervals if needed.

Caution

Federal law restricts this drug to use by or on the order of a licensed veterinarian.
- For equine use only.
- Keep out of the reach of children
- DEA List One Chemical

Storage

Store at controlled room temperature between 15–30°C (59–86°F).

Item No.	Description		
08874	Tri-Hist®	20 oz.	12/case ***Rx***
08883	Tri-Hist®	5 lb. bucket	6/case ***Rx***

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