

# ToxiBan®

## Advantages

Activated charcoal is generally called the “universal antidote” by toxicologists, since it is active in adsorbing most toxicants except inorganic salts and heavy metals. ToxiBan is the “gold standard” for treating animal poisoning.

- Available in three formulations (granules, suspension and suspension with Sorbitol)
- MedChar™, activated charcoal, USP, adsorbs toxins in the gastrointestinal tract
- Kaolin adds extra adsorbing qualities while protecting the intestinal lining
- Sorbitol is a mild hyperosmotic cathartic

Vet-A-Mix offers a complete line of quality, research-proven nutritional supplements and drug dosage forms.



**Advanced  
activated  
charcoal for  
effective  
adsorption  
of ingested  
poisons**



LLOYD, Inc.  
800-831-0004  
[www.lloydinc.com](http://www.lloydinc.com)

# ToxiBan

## Toxicants That Bind to MedChar™, Activated Charcoal, USP

|                  |                                     |                               |                                   |
|------------------|-------------------------------------|-------------------------------|-----------------------------------|
| Acetaminophen    | Diazepam                            | Methyl salicylate             | Phenylbutazone                    |
| Amphetamines     | 2,4-D (dichlorophenoxy acetic acid) | Morphine                      | Phenylpropanolamine hydrochloride |
| Anthelmintics    | Digitalis                           | Muscarine                     | Phenytoin                         |
| Antibiotics      | Digitoxin                           | Narcotics                     | Quinacrine hydrochloride          |
| Aspirin          | Ethylene glycol*                    | Nicotine                      | Quinidine                         |
| Atropine         | Fungicides                          | Nortriptyline                 | Quinine                           |
| Barbiturates     | Hexachlorophene                     | Organic iodine                | Rodenticides                      |
| Camphor          | Ipecac                              | Organic metal compounds       | Salicylamide                      |
| Cantharides      | Isoniazid                           | Organochlorine insecticides   | Salicylates                       |
| Carbamazepine    | Malathion                           | Organophosphorus insecticides | Strychnine                        |
| Carbamates       | Mefenamic acid                      | Parathion                     | Sulfonamides                      |
| Chlordane        | Meprobamate                         | Phenobarbitol                 | Theophylline                      |
| Chloroquine      | Methylene blue                      | Phenothiazine                 | Tricyclic antidepressants         |
| Chlorpheniramine |                                     |                               |                                   |
| Cocaine          |                                     |                               |                                   |

\*Tests for ethylene glycol must be conducted before ToxiBan is administered to prevent false positive reactions.

### Indications and Usage:

ToxiBan® is most effective when administered as soon as ingestion of a toxicant is suspected. It may be used in some emergencies when absorption of the toxicant is nearly complete or the exposure was via a parenteral route. This latter application usually involves repetitive or multiple doses. Multiple doses may be used to interrupt the enterohepatic circulation of some toxins, thereby preventing their reabsorption. See package insert for more detailed information.

### Contraindications:

There are no known absolute contraindications to the use of activated charcoal. It should not be given simultaneously or shortly before the oral administration of other therapeutic agents such as antibiotics, vitamins or amino acids. Antibiotic therapy should be administered parenterally when ToxiBan is used.

### Dosage:

Suspension and Suspension w/Sorbitol

For small animals, use 10 to 20 mL per kg (5 to 10 mL per pound) body weight. For large animals, use 4 to 12 mL per kg (2 to 6 mL per pound) body weight.

### Granules

To make a thin suspension, mix 1 volume measure with 5 to 7 parts cold water (Example: 1 level cup ToxiBan to 6 cups water). Agitate vigorously for 10 to 30 seconds. For small animals, use 2 to 4 grams per kg (1 to 2 grams per pound) body weight. For large animals, use 0.75 to 2.0 grams per kilogram (0.35 to 0.9 grams per pound). One pound (453.6 grams) normally treats an animal weighing 225 to 600 kilograms (500 to 1300 pounds).

### Administration:

ToxiBan Suspension and Suspension with Sorbitol may be given directly or mixed with a small amount of cold water to reduce viscosity. For Granule administration, use as a powder in food or dilute to create a suspension. When a suspension is created, agitate frequently to keep liquid uniform. A stomach tube is preferred, but an oral drench may be used in emergency.

### Precautions:

ToxiBan is an adjunct in the management of poisoning emergencies. Prior to use, proper life support and gastric emptying must be implemented, if indicated. Because more than an hour may pass before ToxiBan can be administered without regurgitation after an emetic has been given, it may be more effective to give ToxiBan immediately because adsorption of a toxicant may be a more effective removal than vomiting.

ToxiBan produces black stools. These stools may have a diarrhea consistency and may persist for several hours. Sorbitol can create a profound cathartic effect. Proper attention should be provided to fluid and electrolyte needs to prevent dehydration, possible hypernatremia and even hypotension. ToxiBan Suspension should be used for multiple use, and cathartics should only be used intermittently during multiple dose activated charcoal use.

### Ingredients:

MedChar™ (activated charcoal, USP), Kaolin, and Sorbitol (in granules and suspension with sorbitol). Suspensions also contain suspending agents and preservatives. Granules contain wetting and dispersing agents.

### How Supplied:

#### Suspensions

240 mL bottles, 12 per carton.....List No. 1151  
(w/Sorbitol).....List No. 1155

#### Granules

454 g (1 pound) bottles, 12 per carton.....List No. 0423  
5 kg (11 pound) pail.....List No. 0422

**KEEP OUT OF REACH OF CHILDREN**



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