

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION: Harmful if swallowed. May cause irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS
Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. This pesticide is toxic to birds and fish. Wildlife feeding on treated bait may be killed. Do not contaminate water by cleaning equipment or disposal of waste Do not feed to livestock or poultry. Do not mix with grain for livestock or poultry feed.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS
Do not apply to food or feed crops. Do not use where stored food or feed (such as grain or meat) might become contaminated. Avitrol must not be exposed in any manner that may endanger desirable and protected bird species. If there is a question of such hazard, consult local, state and federal game authorities before undertaking bird management with Avitrol. Investigate local laws that may prohibit the use of any toxic chemical in bird control.

Applicators shall wear gloves and use a scoop when mixing, applying and broadcasting this product.

STORAGE & DISPOSAL
Do not contaminate water, food or feed by storage or disposal.
Storage: Store only in original container in a cool, dry location inaccessible to children and pets. Store apart from food or animal feed and protect against rodent penetration of the carton. Store apart from other pesticides, fertilizers, food or feed that may cause cross- contamination of odor or insect infestation.
Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
Container Disposal: Fiber Drums with Liners: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

**RESTRICTED USE PESTICIDE
DUE TO ACUTE AVIAN TOXICITY**

For sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.



WHOLE CORN

Active Ingredient: 4-Aminopyridine 0.5%
Inert Ingredients: 99.5%
Total 100.0%

Avitrol is a poison with flock alarming properties used for the control of Feral Pigeons in, on or in the area of structures, feeding, nesting, loafing and roosting sites, in such a way that a part of a flock may react and frighten the rest away. Birds that react and alarm a flock usually die.

NOT FOR USE IN NEW YORK STATE WITHOUT NEW YORK STATE TECHNICAL BULLETIN, AVITROL #1 FOR AVITROL WHOLE CORN.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

Have label with you when obtaining treatment advice.

If swallowed	<ul style="list-style-type: none">- Call a poison control center, doctor or 1-800-424-9300 immediately for treatment advice.- Have person sip a glass of water if able to swallow.- Do not induce vomiting unless told to do so by the poison control center or doctor.
In Eyes	<ul style="list-style-type: none">- Hold eye open and rinse slowly and gently with water for 15-20 minutes.- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.- Call a poison control center, doctor or 1-800-424-9300 immediately for treatment advice.

Manufactured By
AVITROL CORPORATION
7644 East 46th Street
Tulsa, Oklahoma 74145-6370
(918) 622-7763 * (800) 633-5069
EPA Reg. No. 11649-7
EPA est. 11649-OK-1

SPECIMEN LABEL

PREBAITING DIRECTIONS

This product must not be applied where non-target birds are feeding. Careful observations of the birds' feeding habits must therefore be made to establish proper feeding locations and to determine that no nontarget birds are feeding on the prebait. Prebaiting with untreated grains of the same composition as the Avitrol carrier is usually essential to the effective deterrence of the birds with Avitrol. The exact prebaiting technique employed will vary depending on the birds' location and the surrounding environment. The locale should be studied for a period long enough to ascertain the birds' habits in the area. Proper prebaiting and treatment with diluted Avitrol grain will minimize the chance of bird mortality while producing the optimum conditions for the desired results. Pigeons will feed from roof tops as well as from the ground. Feed acceptance from trays will normally require more time.

DILUTION DIRECTIONS

Avitrol treated grain should be thoroughly mixed with untreated grain of the same composition as the Avitrol carrier at the dilution ratios indicated below. For the control of Pigeons with Avitrol, a dilution ratio of one part treated to twenty-nine parts untreated can be used in most situations. However, where other bird food is available, this ratio may need to be adjusted to a one part treated to nineteen or fourteen parts untreated, or even lower. No dilution ratio less that one part treated to nine parts untreated is recommended.

BAITING DIRECTIONS

To obtain minimal mortality, the distribution of Avitrol should be limited to scattered spot placements that will provide feeding opportunities only for the necessary number of target birds. After the birds' feeding pattern has been established through prebaiting, replace untreated bait with diluted treated bait only at sites where the target birds are actively feeding. Do not apply treated bait to inactive feeding sites. Where uneaten bait may be a hazard to other birds or animals, it should be picked up at the end of each day. Pick up and dispose of dead birds by burial. This product must not be applied where nontarget bird species are feeding. During the first few days, baiting with Avitrol may require successive applications until control is obtained. Note that retreatment may also be necessary after rainfall.

Notice: Buyer and/or user assumes all risks of use and/or handling of these materials contrary to label instructions.

MATERIAL SAFETY DATA SHEET # 11649-A

Date Prepared: March 13, 2009

Manufacturer's/Preparer's Name

Avitrol Corporation, 7644 E. 46th Street. Tulsa, OK 74145

Regular Telephone Number

918-622-7763

Emergency Telephone Numbers (Chemtrec)

800-424-9300 or 703-527-3887

PRODUCT NAMES (as shown on labels):

Avitrol Mixed Grains -	US EPA Reg. No. 11649 - 4:	CD PCPA Reg. No. 12098
Avitrol Corn Chops -	US EPA Reg. No. 11649 - 6:	CD PCPA Reg. No. 12095
Avitrol Whole Corn -	US EPA Reg. No. 11649 - 7:	CD PCPA Reg. No. 12096

This MSDS is applicable to Avitrol Sorghum 11649-3 & Avitrol Wheat 11649-1 which have been discontinued.

SECTION I - PRODUCT INFORMATION

Active Ingredient	4-Aminopyridine(CL):	Synonyms	4-APCL;
Chemical Family	Pyridines;	Formula	C ₅ H ₆ N ₂ -CL

These products are formulations of 0.5% 4-aminopyridine chloride impregnated grains. The 99.5% inerts consists of one of the above grains. These products contain no Volatile Organic Compounds.

SECTION II - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Grain
Odor	None
Boiling Point	Not Applicable
Vapor Pressure (mm Hg.)	Not Applicable
Vapor Density (Air = 1)	Not Applicable
Specific Gravity (H ₂ O = 1)	Not Applicable
Melting Point	Not Applicable
Evaporation Rate (Butyl Acetate = 1)	Not Applicable
pH	Not Applicable
% Volatiles	Not Applicable
Solubility in H ₂ O	Insoluble

SECTION III - HAZARDOUS INGREDIENTS "†": NON-HAZARDOUS INGREDIENTS "††"

Ingredient Name	CAS #	OSHA-PEL	ACGIH-TLV	OTHER	%
4-Aminopyridine - (CL) [†]	504-24-5	NONE	NONE	NONE	0.50
Grain ^{††}	NONE	NONE	NONE	NONE	99.50

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point:	Not Applicable
Flammable Limits:	UFL AND LFL Not Applicable
Extinguishing Media:	Dry Chemical, CO ₂ , Foam, Water
Degree of Fire/Explosion Hazard:	No Known Fire or Explosion hazard. Grains will burn at higher temperatures.
Special Fire Fighting Procedures:	Do not breathe smoke or vapors; isolate fire; wear full protective clothing and self-contained breathing apparatus.
Stability:	Stable
Hazardous Polymerization:	Will not occur.
Incompatibility/Conditions to Avoid:	Water, excessive heat, fire, chemicals. Burning may produce toxic by-products.
Hazardous Decomposition Products:	Burning may produce any number of toxic products including but not limited to carbon dioxide, carbon monoxide, chlorine and hydrogen chloride.

SECTION V - HEALTH HAZARD DATA

Primary Routes of Entry: Acute effects from overexposure may result from ingestion.

Acute Effects of Overexposure: There is no human specific data available for these products. The acute oral toxicity of these products, as packaged, ranges from an LD-50 of about 700 mg/kg for some avian species to an LD-50 of about 6,500 mg/kg for white rats. Laboratory animals, when

administered toxic doses of the formulation exhibited evidence of nervous system effects such as loss of motor control, uncoordination, anxiety, tremors, and involuntary convulsions followed, in some cases by death.

Chronic Effects From Overexposure:

There are no known chronic effects of overexposure to these products. However, persons handling large quantities of these products who are allergic to grain and grain dust should anticipate similar allergic reactions.

Medical Conditions Which Might Be Aggravated by Exposure:

Other than grain allergies, none presently known.

Carcinogenicity:

NTP: No

IRAC: No

OSHA: No

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Avoid contact with eyes. If in eyes, flush with plenty of water. Get medical attention if irritation persists.

Skin: Wash thoroughly with soap and water after handling.

Inhalation: Not applicable.

Ingestion: If one of these products is swallowed: **If the Patient is Unconscious:** Maintain breathing and heart beat (CPR - Cardiopulmonary resuscitation). Contact your local Poison Control Center, hospital or physician immediately. **If the Patient is Conscious:** Induce vomiting with syrup of Ipecac (If not available, stimulate the back of the throat with finger). Never give anything by mouth to an unconscious person. Contact your local Poison Control Center, hospital or physician immediately.

SECTION VII - EMPLOYEE PROTECTIVE REQUIREMENTS

Ventilation: Accumulation of grain dust can result in explosive mixtures. When handling and/or blending these products with untreated grains, provide ventilation to prevent accumulation of dust.

Work Clothing: Avoid contact with clothing. Wear a long sleeved uniform, coveralls or lab jacket when handling or blending these products with untreated grains.

Eye and Respiratory Protection: Because of grain dust allergies, persons handling these products may consider wearing chemical protective goggles and a NIOSH/MSHA approved dust and mist respirator.

Gloves: Persons handling these products must wear gloves and use a scoop.

Label Requirements: Comply with all label requirements.

SECTION VIII - STORAGE, SPILL AND WASTE DISPOSAL PROCEDURES

Storage Instructions: Keep out of reach of children and animals. Do not contaminate water, food or feed by storage or disposal. Store in original container only. Store apart from food or animal feed and protect against rodent penetration of the carton. Store apart from other pesticides, fertilizers, food or feed that may cause cross-contamination of odor or insect infestation.

Handling Instructions: Wash exposed body areas before eating, drinking, smoking and before going to other intermediate tasks during the workday. Shower at the end of each workday.

Spill or Leak: Isolate and post spill area. Wear prescribed protective clothing and equipment. Keep unprotected persons and animals out of the spill area. Keep material out of lakes, streams, and sewer. If unadulterated, product may be packaged in original container for use. If adulterated, shovel waste into an approved drum, sweep area thoroughly and wipe down with wet cloth or towels.

Disposal Instructions: Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal of adulterated product, sweepings and wipe down cloths.

SECTION IX - SHIPPING DESCRIPTION

DOT - Not Regulated.

UN - Not Regulated.

SECTION X - HIMS - HAZARD POSTING

HIMS: Health - 2;

Flammability - 0;

Reactivity - 0; Other - 0.