

Regular Strength Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

Date Prepared: March 10, 1999

Manufacturer's/Preparer's Name: **Avitrol Corporation**
7644 East 46th Street
Tulsa, Oklahoma
74145

Regular Telephone Number (918) 622-7763
Emergency/Regular Telephone Number (Chemtrec) (800)
424-9300 or (703) 527-3887

PRODUCT NAMES (as shown on label):

Avitrol Wheat-	EPA Reg. No.
Avitrol Sorghum-	11649-1,
Avitrol Mixed Grains-	EPA Reg. No.
Avitrol Corn Chops-	11649-3,
Avitrol Whole Corn-	EPA Reg. No.
	11649-4,
	EPA Reg. No.
	11649-6, OR
	EPA Reg. No.
	11649-7

SECTION I. Product Information

Active Ingredient ----- 4-Aminopyridine-CL
Synonyms ----- 4-AP
Chemical Family ----- Pyridines
Formula ----- ~~C5H6~~ N2-CL

These products are formulations of 0.5% 4-Aminopyridine hydrochloride impregnated grains. The 99.5% inert consist 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' -----001003403 -----NONE
-----NONE -----NONE 0.5

Impregnated Grain" -----NONE----- NONE
-----NONE -----NONE 99.5

SECTION IV - Fire and Explosion Hazard

Flash Point -----Not applicable
Flammable Limits -----UFL and LFL Not applicable
Extinguishing Media -----Dry Chemical, Co 21 Foam, water.

Degree of Fire/Explosion Hazard:-----No known fire or explosion hazard. However, 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

Incapability/Conditions to Avoid:-----Water, 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.

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

Gloves ----- Because of grain dust allergies, persons handling these product may consider wearing chemical protective gloves, surgical gloves or regularly washed cotton gloves.

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 sewers. 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 clothes.

SECTION IX - Shipping Description

DOT-- Not regulated. **UN**--Not regulated.

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