

**Material Safety Data Sheet**



CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Datan Center  
Miami, Fl 33156-78513, USA

**AVAL®**

Date of Preparation: 11/17/01

**MSDS No. 00021**

Date of review: December 14, 2005

**CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585**

**AVAL®**

**Acetamiprid Insecticide**

**MSDS**

**Product Identification**

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**Product Name :** AVAL®  
**Chemical Name:** Acetamiprid  
**General Use :** Insecticide

### Product Composition

Ingredient	(CAS #)	Percentage
Acetamiprid	135410-20-7	20%
Inerts		80%

### Physical Data

**Boiling Point :** N/A  
**Melting Point :** N/A  
**Freezing Point :** N/A  
**Specific Gravity (25° C):** 1  
**Vapor Pressure (@ 20° C):**  $1 \times 10^{-6}$  mm HG  
**Vapor Density :** N/A  
**Evaporation Rate :** N/A  
**Solubility in Water :** Moderate  
**Appearance and Odor:** Off-white powder, no odor  
**pH:** 6-7

### Fire & Explosion Data

**Flash Point (Method):** Not flammable  
**Flammable Limits (Vol. % en air):** Not flammable  
**Auto ignition temperature:** Not flammable  
**Extinguishing Media:** Use agents appropriate for surrounding fire. Use water spray, foam, dry chemicals, carbon dioxide, or other extinguishing media as appropriate for surrounding fire.  
**Special Firefighting Procedures :** Wear full protective clothing.  
**Unusual Fire and Explosion Hazards:** Manipulate product as an organic powder.

### Reactivity Hazard Data

**Stability :** Stable at normal conditions  
**Conditions to avoid:** Strong oxidizing agents  
**Incompatibilidad:** Reacts violently with strong oxidizing agents such as nitrates and chlorates.  
**Hazardous Polymerization :** Will not occur  
**Hazardous Decomposition Products:** Carbon Oxides, Nitrogen Oxides and Hydrogen Chloride in combustion.

### Health Hazard Data

**Inhalation :** Excessive exposure to dust in unventilated areas may cause respiratory irritation.  
**Eye Contact :** Will cause extreme irritation.  
**Skin Contact :** Can cause extreme irritation.  
**Ingestion:** Based on similar substances this substance is believed to be practically non-toxic by ingestion.  
**Chronic Effects of Overexposure :** May cause inflammation of respiratory tract, dermatitis, or ulceration.  
**Other Toxic Effects :**  
**LD50:** Based on LD50 of its components, the Oral LD 50 oral (rats) is 808 mg/kg (males)

### Emergency and First Aid Procedures

**Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water or milk. Seek medical attention.  
**Skin Contact :** Wash with soap and water. Remove contaminated clothing. Wash clothing before reuse.  
**Eye Contact :** Immediately flush eyes with water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Washing eyes within several seconds is essential to achieve maximum effectiveness. Consult

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physician if irritation persists.

**Inhalation:** Remove to fresh air. Consult physician. If not breathing, give artificial respiration.

**Note to Physician :** Test symptomatically and supportively.

### Special Protection Information

**Protective clothing :** Butyl Rubber or PVC gloves.

**Eye Protection :** Chemical goggles or safety glasses with side shields.

**Ventilation :** Mechanical.

**Respiratory Protection :** Use NIOSH/MSHA approved dust respirator if ventilation is not sufficient.

**Other :** Eye wash, neoprene protective type apron.

### Spill or Leak Procedures

**Steps to be Taken in Case Material is released or Spilled:** Wear suitable protective clothing. Sweep up excess. Wash thoroughly with water. Keep away from ignition sources.

**Waste Disposal Methods :** Dispose of in accordance with all applicable federal, state and local regulations.

### Special Precautions

**Precautions to be Taken in Case Material is Handling and Storing :** Store in original, sealed container in cool, ventilated area. Protect from freezing or overheating. Avoid open flames and sparks. Keep in secured area, away from children and unauthorized people.

### Additional Regulatory Information

**DOT Hazard Class :** Not Regulated for transportation per DOT regulations

**US DOT**

NO INFORMATION AVAILABLE

**CANADIAN TDG**

NO INFORMATION AVAILABLE.

**US FEDERAL TSCA**

LISTED ON THE TSCA INVENTORY.

**HEALTH & SAFETY REPORTING LIST**

NONE OF THE CHEMICALS ARE ON THE HEALTH & SAFETY REPORTING LIST.

**CHEMICAL TEST RULES**

NONE OF THE CHEMICALS IN THIS PRODUCT ARE UNDER A CHEMICAL TEST RULE.

**SECTION 12B**

NONE OF THE CHEMICALS ARE LISTED UNDER TSCA SECTION 12B.

**TSCA SIGNIFICANT NEW USE RULE**

NONE OF THE CHEMICALS IN THIS MATERIAL HAVE A SNUR UNDER TSCA.

**SARA SECTION 302 (RQ)**

NONE OF THE CHEMICALS IN THIS MATERIAL HAVE AN RQ.

**SECTION 302 (TPQ)**

NONE OF THE CHEMICALS IN THIS PRODUCT HAVE A TPQ.

**SECTION 313**

NO CHEMICALS ARE REPORTABLE UNDER SECTION 313.

**CLEAN AIR ACT:**

THIS MATERIAL DOES NOT CONTAIN ANY HAZARDOUS AIR POLLUTANTS.

THIS MATERIAL DOES NOT CONTAIN ANY CLASS 1 OZONE DEPLETORS.

THIS MATERIAL DOES NOT CONTAIN ANY CLASS 2 OZONE DEPLETORS.

**CLEAN WATER ACT:**

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS HAZARDOUS

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SUBSTANCES UNDER THE CWA.

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS PRIORITY

POLLUTANTS UNDER THE CWA.

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED AS TOXIC POLLUTANTS  
UNDER THE CWA.

**OSHA:**

NONE OF THE CHEMICALS IN THIS PRODUCT ARE CONSIDERED HIGHLY HAZARDOUS  
BY OSHA.

**STATE**

CAS # 36734-19-7 IS NOT PRESENT ON STATE LISTS FROM CA, PA, MN, MA, FL, OR NJ.

CALIFORNIA NO SIGNIFICANT RISK LEVEL:

NONE OF THE CHEMICALS IN THIS PRODUCT ARE LISTED.

**EPA SARA Title III Data:** This product does not contain toxic chemicals listed on SARA Section 313  
Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA  
inventory.

**Other Information**

**Prepared by:**

**Revision Notes :**

**Disclaimer:** Reasonable care has been taken in preparation of this information. The information contained  
herein is based on the data available to us and is believed to be correct as of the date prepared; however,  
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