

# MATERIAL SAFETY DATA SHEET

## TRANSPORT® ROACH BAIT



MSDS Ref. No.: 135410-20-7-1

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Revision No.: 5

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This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200. The information contained herein is for the concentrate as packaged, unless otherwise noted.

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TRANSPORT® ROACH BAIT  
**PRODUCT CODE:** 6290  
**ACTIVE INGREDIENT(S):** Acetamiprid  
**CHEMICAL FAMILY:** Neonicotinoid  
**MOLECULAR FORMULA:** C<sub>10</sub> H<sub>11</sub> ClN<sub>4</sub> (Acetamiprid)  
**SYNONYMS:** F5025; CAS:(1E)-N-[(6-chloro-3-pyridinyl)methyl]-N<sup>1</sup>-cyano-N-methylacetamide; IUPAC:(E)-N<sup>1</sup>-[(6-chloro-3-pyridyl)methyl]-N<sup>2</sup>-cyano-N<sup>1</sup>-methylacetamide

### MANUFACTURER

FMC CORPORATION  
Agricultural Products Group  
1735 Market Street  
Philadelphia, PA 19103  
(800) 321-1362 (General Information)  
msdsinfo@fmc.com (Email - General Information)

### EMERGENCY TELEPHONE NUMBERS

(800) 331-3148 (Medical - U.S.A. & Canada)  
(651) 632-6793 (Medical - Collect - All Other Countries)

For leak, fire, spill, or accident emergencies, call:  
(800) 424-9300 (CHEMTREC - U.S.A. & Canada)  
(703) 527-3887 (CHEMTREC - Collect - All Other Countries)

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## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

- Light-yellow to light-brown, odorless, gel
- Slightly combustible. May support combustion at elevated temperatures. Finely dispersed particles can form explosive mixtures in air.
- Thermal decomposition and burning may form toxic by-products.
- For large exposures or fire, wear personal protective equipment.
- Slightly toxic to fish and aquatic organisms. Keep out of drains and water courses.
- Expected to have moderate inhalation toxicity.

**POTENTIAL HEALTH EFFECTS:** No significant health effects expected.

**MEDICAL CONDITIONS AGGRAVATED:** None presently known.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt.%	EC No.	EC Class
Acetamiprid	135410-20-7	0.35	None	Not classified
Sucrose	57-50-1	<8	200-334-9	Not classified

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### 4. FIRST AID MEASURES

**EYES:** Flush with plenty of water. Get medical attention if irritation occurs and persists.

**SKIN:** Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

**INGESTION:** Drink plenty of water. Never give anything by mouth to an unconscious person. If any discomfort persists, obtain medical attention.

**INHALATION:** Remove to fresh air. If breathing difficulty or discomfort occurs and persists, see a medical doctor. If breathing has stopped, give artificial respiration and see a medical doctor immediately.

**NOTES TO MEDICAL DOCTOR:** This product has low oral and dermal toxicity. It is non-irritating to the eyes and skin, and non-sensitizing to the skin. It is expected to have moderate inhalation toxicity. This product contains a bitter tasting quaternary ammonium salt, of very low toxicity, which is meant to discourage ingestion. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

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### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub> or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

**FIRE / EXPLOSION HAZARDS:** Slightly combustible. May support combustion at elevated temperatures. Finely dispersed particles can form explosive mixtures in air. Like all organic and most dry chemicals, as a powder or dust, this product when mixed with air in critical proportions, and in the presence of an ignition source, may present an explosion hazard.

**FIRE FIGHTING PROCEDURES:** Isolate fire area. Evacuate downwind. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke, gases or vapors generated.

## 6. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** Isolate and post spill area. Wear protective clothing and personal protective equipment as prescribed in Section 8, "Exposure Controls/Personal Protection". Keep unprotected persons and animals out of the area.

Keep material out of lakes, streams, ponds and sewer drains. Large spills should be covered to prevent dispersal. For dry material, use a wet sweeping compound or water to prevent the formation of dust. If water is used, prevent runoff or dispersion of excess liquid by diking and absorbing with a non-combustible absorbent such as clay, sand or soil. Vacuum, shovel or pump all waste material, including absorbent, into a drum and label contents for disposal.

To clean and neutralize spill area, tools and equipment, wash with a solution of soap and water and add the solution to the drums of waste already collected. Dispose of drummed waste according to the method outlined in Section 13, "Disposal Considerations".

## 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Store in a cool, dry, well-ventilated, locked place. Do not use or store in or around the home, near heat, open flame or hot surfaces. Store in original containers only. Do not contaminate other materials, or allow this material to be contaminated by improper storage or handling. Do not allow prolonged storage in areas where temperatures frequently exceed 115°F (46°C).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS

Chemical Name	ACGIH	OSHA	Supplier
Sucrose	10 mg/m <sup>3</sup> (TWA)	15 mg/m <sup>3</sup> (PEL) (total dust) 5 mg/m <sup>3</sup> (PEL) (respirable dust)	

**ENGINEERING CONTROLS:** No open flames. Prevent deposition of dust; use closed system, consider use of dust explosion-proof electrical equipment and lighting. Use local exhaust at all process locations where dust may be emitted. Ventilate all transport vehicles prior to unloading. Use non-sparking tools and grounded / bonded equipment and containers when transferring.

## PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** When used as directed, eye and face protection are not required.

**RESPIRATORY:** When used as directed, respiratory protection is not required.

**PROTECTIVE CLOTHING:** Depending upon concentrations encountered, wear coveralls or long-sleeved uniform and head covering. For larger exposures as in the case of spills, wear full body cover barrier suit, such as a rubber rain suit. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them. Leather items -such as shoes, belts and watchbands - that become contaminated should also be removed and destroyed. Launder all work clothing before reuse (separately from household laundry).

**GLOVES:** Wear chemical resistant, waterproof gloves. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks.

**WORK HYGIENIC PRACTICES:** Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum, or using tobacco. Shower at the end of the workday.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>ODOR:</b>	Odorless
<b>APPEARANCE:</b>	Light-yellow to light-brown gel
<b>DENSITY / WEIGHT PER VOLUME:</b>	(Bulk) 9.2 lb/gal
<b>FLASH POINT:</b>	100 °C (212 °F) estimated
<b>MOLECULAR WEIGHT:</b>	222.7 (acetamiprid)
<b>pH:</b>	5.3

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## 10. STABILITY AND REACTIVITY

<b>CONDITIONS TO AVOID:</b>	Excessive heat and fire.
<b>STABILITY:</b>	Stable
<b>POLYMERIZATION:</b>	Will not occur
<b>INCOMPATIBLE MATERIALS:</b>	Strong bases, acids and oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None known

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Non-irritating (rabbit)

**SKIN EFFECTS:** Non-irritating (rabbit)

**DERMAL LD<sub>50</sub>:** > 2,000 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** > 5,000 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** No data available for the formulation.  
Acetamiprid: > 0.29 mg/l (4 h) (rat)

**SENSITIZATION:** (Skin) Non-sensitizing (guinea pig)

**ACUTE EFFECTS FROM OVEREXPOSURE:** This product has low oral and dermal toxicity. It is non-irritating to the eyes and skin, and non-sensitizing to the skin. It is expected to have moderate inhalation toxicity. No significant acute toxicological effects expected.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** No data available for the formulation. In long term animal feeding studies with Acetamiprid, there was no evidence of carcinogenicity. In reproductive and developmental studies in animals, there was no effect on reproduction. Acetamiprid is not considered a carcinogen, mutagen or reproductive toxicant. Sucrose is not carcinogenic and tested negative in a variety of in vitro mutagenicity assays. Some animal teratogenicity studies at high doses of sucrose have shown adverse effects on the fetus, possibly due to uncontrolled glucose concentrations in maternal blood.

### CARCINOGENICITY:

**NTP:** Not listed

**IARC:** Not listed

**OSHA:** Not listed

**OTHER:** Not Listed (ACGIH)

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data available for the formulation.

Acetamiprid degrades rapidly by aerobic soil metabolism. There are no major issues for soil mobility since low use rate and rapid degradation reduce the amount for offsite movement. Environmental residues in drinking water are predicted to be low. Acetamiprid will not bioaccumulate in fish and in sediment, and it poses low risks to the environment relative to most other insecticides.

**ECOTOXICOLOGICAL INFORMATION:** No data available for the formulation.

Acetamiprid use would pose minimal risk to fish and wildlife. Toxicity of Acetamiprid is selective to insects, but some uses may pose a risk to certain non-target aquatic invertebrates. It is only moderately toxic to bees. Acetamiprid use would generally pose low risk to threatened and endangered species, and it would pose minimal risk to non-target plants.

LD<sub>50</sub> > 180 mg/kg (oral, Bobwhite quail)

LC<sub>50</sub> (48-hour) > 100 mg/L (Carp)

LC<sub>50</sub> (24-hour) > 200 mg/L (Daphnia magna)

LD<sub>50</sub> = 7.1 µg (Honey bee contact)

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Open dumping or burning of this material or its packaging is prohibited. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules, standards and regulations. However, because acceptable methods of disposal may vary by location and regulatory requirements may change, the appropriate agencies should be contacted prior to disposal.

**EMPTY CONTAINER:** Non-returnable containers that held this material should be cleaned, prior to disposal, by triple rinsing. Containers which held this material may be cleaned by being triple-rinsed, and recycled, with the rinsate being incinerated. Do not cut or weld metal containers. Vapors that form may create an explosion hazard. If burned, stay out of smoke.

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## 14. TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION (DOT)

<b>PACKAGING TYPE:</b>	Non-bulk and/or Bulk
<b>PROPER SHIPPING NAME:</b>	Not regulated as a hazardous material

### INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

<b>PACKAGING TYPE:</b>	Non-Bulk
<b>ADDITIONAL INFORMATION:</b>	Not regulated as a hazardous material

### ADR - EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD

<b>PACKAGING TYPE:</b>	Non-Bulk
<b>ADDITIONAL INFORMATION:</b>	Not regulated as a hazardous material

**INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) /  
INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)**

**PACKAGING TYPE:** Non-Bulk  
**ADDITIONAL INFORMATION:** Not regulated as a hazardous material

**OTHER INFORMATION:**  
HARMONIZED SYSTEM  
Import to the U.S.A.: 3808.91.2500  
Export from the U.S.A.: 3808.91.0000

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## **15. REGULATORY INFORMATION**

### **UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A):**  
Not listed

**SECTION 311 HAZARD CATEGORIES (40 CFR 370):**  
Immediate

**SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370):**  
The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs;  
however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.:  
None

**SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):**  
There are no ingredients in this product, which are subject to Section 313 reporting  
requirements.

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND  
LIABILITY ACT)**

**CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4):**  
Not listed

### **CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):**

Domestic Substance List: All components are listed or exempt.

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## 16. OTHER INFORMATION

### NFPA

Health	1
Flammability	1
Reactivity	0
Special	None

No special requirements

NFPA (National Fire Protection Association)

Degree of Hazard Code:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

### **REVISION SUMMARY:**

This MSDS replaces Revision #4, dated October 29, 2007.

Changes in information are as follows:

Section 1 (Product and Company Identification)

Section 14 (Transport Information)

Section 15 (Regulatory Information)

Section 16 (Other Information)

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