

## Material Safety Data Sheet

ethyl 5-amino-1-(4-fluorophenyl)-1H-pyrazole-4-carboxylate

### Section 1: Chemical Product and Company Identification

**Product Name:** ethyl 5-amino-1-(4-fluorophenyl)-1H-pyrazole  
-4-carboxylate

**Catalog Codes:** ACN-000070

**CAS Number:** 138907-68-3

**Chemical Formula:** C<sub>12</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>2</sub>

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### Section 2: Composition and Information on Ingredients

**Name:** ethyl 5-amino-1-(4-fluorophenyl)-1H-pyrazole-4-carboxylate

**CAS Number:** 138907-68-3

**Toxicological Data on Ingredients:** Not available

### Section 3: Hazards Identification

**EMERGENCY OVERVIEW:** Appearance: White powder. Light sensitive.

**Potential Acute Health Effects:** Not available

**Potential Chronic Health Effects:**

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

#### Section 4: First Aid Measures

**Eye Contact:**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

**Skin Contact:**

Wash with soap and water. Cold water may be used.

**Serious Skin Contact:** Not available.

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available.

**Ingestion:**

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available.

#### Section 5: Fire and Explosion Data

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

**Flash Point:** Not available.

**Autoignition Temperature:** Not available.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** Not published.

#### Section 6: Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

#### Section 7: Handling and Storage

**Handling:** Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing.

**Storage:** Store in a tightly closed container. Keep refrigerated. (Store below 4#C/39#F.)

#### Section 8: Exposure Controls/Personal Protection

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:** Safety glasses. Lab coat.

**Exposure Limits:** Not available.

### Section 9: Physical and Chemical Properties

**Physical State:** powder

**Appearance:** White

**Odor:** odorless

**pH:** Not available.

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Evaporation Rate:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available.

**Freezing/Melting Point:** Not available.

**Decomposition Temperature:** Not available.

**Solubility:** Not available.

**Specific Gravity/Density:** Not available.

**Molecular Formula:** C<sub>12</sub>H<sub>12</sub>FN<sub>3</sub>O<sub>2</sub>

**Molecular Weight:** 249.2410

### Section 10: Stability and Reactivity Data

**Chemical Stability:** Not available.

**Conditions to Avoid:** Incompatible materials, light.

**Incompatibilities with Other Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, carbon dioxide, Hydrogen Fluorine

**Hazardous Polymerization:** Has not been reported

### Section 11: Toxicological Information

**RTECS#:**

**CAS Number:** 138907-68-3

**LD50/LC50:** Not available.

**Carcinogenicity:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Epidemiology:** No data available.

**Teratogenicity:** No data available.

**Reproductive Effects:** No data available.

**Neurotoxicity:** No data available.

**Mutagenicity:** No data available.

**Other Studies:** The toxicological properties have not been fully investigated.

### Section 12: Ecological Information

### Section 13: Disposal Considerations

**Section 14: Transport Information**

**DOT Classification:** Not a DOT controlled material.

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

**Section 15: Other Regulatory Information**

**Section 16: Other Information**

**Last Updated:**

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