## 1 - Identification of substance and manufacturer

**Axon catalogue ID**
2995

**Product name**
ML 367

**IUPAC name**
N-(3,4-Difluorophenyl)-2-(pyridin-4-yl)quinazolin-4-amine

**Manufacturer's name**
Axon Medchem BV

**Address**
Biotech Center UMCG, Hanzeplein 1

**Postal Code**
9713 GZ Groningen

**Province**
Groningen

**Country of origin**
The Netherlands

**Manufacturer's fax number**
+31 (0)50 3600390

**Manufacturer's email address**
info@axonmedchem.com

**Manufacturer's website**
http://www.axonmedchem.com

## 2 - Hazards identification

**GHS Pictogram**

**Route of entry**
Eye contact, Inhalation, Digestion

**Exposure limits**

<table>
<thead>
<tr>
<th>Route of exposure</th>
<th>Limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>No data available</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Potential health effects**

- May be harmful by inhalation, ingestion or eye and/or skin absorption. May cause irritation to eye, mucous membranes, upper respiratory system, and/or skin. The toxicological properties of this compound have not been fully tested. For research purposes only.

**Route of entry**

- **Skin contact**
  - Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

- **Inhalation**
  - Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.

- **Eye contact**
  - Rinse with copious amounts of water for at least 15 minutes as a precaution.

**Ingestion**

- Rinse mouth out with copious amounts of water, contact a physician.

**Fire fighting instructions**

- Use extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.

- **Fire extinguishing media**
  - Appropriate to the surrounding fire conditions.

**Flashpoint (°C)**

- No data available

**Hazardous combustion products**

- May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

**Stability and reactivity**

- Stable under normal handling conditions.

- **Stability**
  - Suitable for storage and transport.

- **Reactivity**
  - No data available

## 3 - Information on ingredients

**Hazardous ingredient**
ML 367

**CAS number**
381168-77-0

**Concentration**
99.6%

**LD-50 of ingredient**
No data available

## 4 - First Aid Measures

- **Skin contact**
  - Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

- **Inhalation**
  - Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.

- **Eye contact**
  - Rinse with copious amounts of water for at least 15 minutes as a precaution.

- **Ingestion**
  - Rinse mouth out with copious amounts of water, contact a physician.

## 5 - Ecological information

- **Carcinogenicity**
  - No data available

- **Mutagenicity**
  - No data available

- **Teratogenicity**
  - No data available

## 6 - Accidental Release Measures

- **Personal Protection**
  - Wear appropriate protective clothing. Vacuum or sweep up dry material and dispose in an appropriate container as described under Disposal Conditions. Avoid raising dust.

- **Protection of hands/skin**
  - Chemical resistant gloves and lab coat

- **Protection of eyes**
  - Appropriate safety glasses

- **Protection of respiratory system**
  - Handle in fume hood. Prevent inhalation.

## 7 - Handling and Storage

- **Storage**
  - Store in a properly sealed container under the storage conditions indicated on the label.

- **Leak and spill procedures**
  - Avoid inhalation, contact with eyes, skin and clothing. Wear appropriate protective clothing. Avoid repeated and/or prolonged exposure. Use in a chemical fume hood, with an independent air supply.

## 8 - Exposure Control / Personal Protection

- **Protection of hands/skin**
  - Chemical resistant gloves and lab coat

- **Protection of eyes**
  - Appropriate safety glasses

- **Protection of respiratory system**
  - Handle in fume hood. Prevent inhalation.

## 9 - Physical and chemical properties

- **Appearance**
  - Light-red solid

- **Chemical purity**
  - 99.6%

- **Solubility in water (mg/mL)**
  - N.A.

- **Optical purity (ee)**
  - N.A.

## 10 - Toxicological information

- **Toxicity**

- **Carcinogenicity**
  - No data available

- **Mutagenicity**
  - No data available

- **Teratogenicity**
  - No data available

## 11 - Transport Information

- **US DOT shipping name**
  - IATA class
  - 2942.00.0000

- **Non-hazardous**

- **European risk and safety phrases**
  - R48: Danger of serious damage to health by prolonged exposure.
  - S22: Do not breathe dust.
  - S24/S25: Avoid any inhalation, contact with skin and eyes.
  - S36/S37/S39: Wear suitable protective clothing, gloves and eye/face protection.

## 12 - Other information

The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete.

The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.

For research use only by trained personnel.

**CAUTION:** SUBSTANCE NOT FULLY TESTED