

# Axitinib (AG-013736) SDS | MSDS

## 1.PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

- **Product Name:** Axitinib (AG-013736)
- **Catalog Number:** S1005
- **CAS Number:** 319460-85-0
- **IUPAC Name:** N-methyl-2-[[3-[(1E)-2-(2-pyridinyl)ethenyl]-1H-indazol-6-yl]thio]-benzamide

### Relevant identified uses and uses advised against

- **Identified uses:** For research and development use only; laboratory chemicals; manufacture of substances.
- **Uses advised against:** Not for pharmaceutical, household, or other unapproved uses.

### Details of the supplier

- **Company :** Selleck Chemicals
- **TollFree :** +1 877 796-6397
- **Tel :** +1 832 582-8158
- **Fax :** +1 832 582-8590

### Emergency telephone number

- **Emergency phone #:** +1 832 582-8158

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

- Acute toxicity, oral (Category 4), H302
- Hazardous to the aquatic environment, acute hazard (Category 1), H400

### 2.2 GHS Label elements, including precautionary statements

#### Pictogram:



**Signal word:** Warning

#### Hazard statement(s):

- H302 Harmful if swallowed

- H400 Very toxic to aquatic life

**Precautionary statement(s):**

**Prevention**

- P261 Avoid breathing powder/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P330 Rinse mouth.
- P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage**

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

**Disposal**

- P501 Dispose of contents/container in accordance with local regulation.

## 2.3 Other hazards

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

- **Synonyms:** AG-013736
- **Formula:** N-methyl-2-[[3-[(1E)-2-(2-pyridinyl)ethenyl]-1H-indazol-6-yl]thio]-benzamide
- **Molecular Weight:** 386.47
- **CAS No.:** 319460-85-0

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

- **Eye contact:** Remove contact lenses if present. Flush eyes immediately with large amounts of water for several minutes, separating eyelids with fingers. Seek medical attention promptly.
- **Skin contact:** Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes. Seek medical attention.
- **Inhalation:** Relocate to fresh air immediately. If breathing is difficult, administer cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.
- **Ingestion:** Wash out mouth with water. Do NOT induce vomiting. Seek medical attention.

## **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2).

## **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

# **5. FIRE FIGHTING MEASURES**

## **5.1 Extinguishing media**

Use water spray, dry chemical, foam, or carbon dioxide fire extinguishers.

## **5.2 Special hazards arising from the substance or mixture**

May emit irritant fumes during combustion.

## **5.3 Advice for firefighters**

Wear personal protective equipment. Use extinguishing measures appropriate to local circumstances and the surrounding environment. Evacuate personnel to safe areas. Remove undamaged containers from the fire area if safe to do so.

# **6. ACCIDENTAL RELEASE MEASURES**

## **6.1 Personal precautions, protective equipment and emergency procedures**

Use full personal protective equipment. Avoid breathing vapors, mist, powder, or gas. Ensure adequate ventilation and evacuate personnel to safe areas. Refer to protective measures in Section 8.

## **6.2 Environmental precautions**

Prevent further leakage or spillage. Keep product away from drains and water courses.

## **6.3 Methods and materials for containment and cleaning up**

Absorb powder with finely-powdered powder-binding material (diatomite, universal binders). Decontaminate surfaces and equipment by scrubbing with alcohol. Dispose of contaminated material according to Section 13.

## **6.4 Reference to other sections**

For disposal, see Section 13.

# **7. HANDLING AND STORAGE**

## **7.1 Precautions for safe handling**

Avoid inhalation and contact with eyes and skin. Avoid powder and aerosol formation. Use only in areas with appropriate exhaust ventilation.

## **7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly sealed in a cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

### **Recommended storage temperature:**

- powder: -20°C for 3 years; 4°C for 2 years.
- In solvent: -80°C for 2 years; -20°C for 1 year.

Shipping at room temperature is acceptable if duration is less than 2 weeks.

## **7.3 Specific end use(s)**

N/A

# **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

## **8.1 Control parameters**

This product contains no substances with occupational exposure limit values.

## **8.2 Exposure controls**

- **Engineering controls:** Ensure adequate ventilation. Provide accessible safety shower and eye wash stations.
- **Eye protection:** Safety goggles with side-shields.
- **Hand protection:** Protective gloves.
- **Skin and body protection:** Impervious clothing.
- **Respiratory protection:** Suitable respirator.

- **Environmental exposure controls:** Keep product away from drains, water courses, or soil. Clean spillages safely and promptly.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

- **Appearance:** powder
- **Odor:** N/A
- **Odor threshold:** N/A
- **pH:** N/A
- **Melting/freezing point:** 213-215°C
- **Boiling point/range:** 668.9°C at 760 mmHg
- **Flash point:** N/A
- **Evaporation rate:** N/A
- **Flammability (powder, gas):** N/A
- **Upper/lower flammability or explosive limits:** N/A
- **Vapor pressure:** N/A
- **Vapor density:** N/A
- **Relative density:** N/A
- **Water Solubility:** N/A
- **Partition coefficient:** N/A
- **Auto-ignition temperature:** N/A
- **Decomposition temperature:** N/A
- **Viscosity:** N/A
- **Explosive properties:** N/A
- **Oxidizing properties:** N/A

### **9.2 Other safety information**

N/A

## **10. STABILITY AND REACTIVITY**

### **10.1 Reactivity**

N/A

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

N/A

### 10.4 Conditions to avoid

N/A

### 10.5 Incompatible materials

Strong acids/alkalis, strong oxidizing/reducing agents.

### 10.6 Hazardous decomposition products

Under fire conditions, may decompose and emit toxic fumes. Other decomposition products: no specific data provided for this section.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- **Acute toxicity:** Classified based on available data. For more details, see Section 2.
- **Skin corrosion/irritation:** Classified based on available data.
- **Serious eye damage/irritation:** Classified based on available data.
- **Respiratory or skin sensitization:** Classified based on available data.
- **Germ cell mutagenicity:** Classified based on available data.
- **Carcinogenicity:**
  - **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen.
  - **ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a potential or confirmed carcinogen.
  - **NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as an anticipated or confirmed carcinogen.
  - **OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a potential or confirmed carcinogen.
- **Reproductive toxicity:** Classified based on available data.
- **Specific target organ toxicity - single exposure:** Classified based on available data.
- **Specific target organ toxicity - repeated exposure:** Classified based on available data.
- **Aspiration hazard:** Classified based on available data.
- **Additional information:** Chemical, physical, and toxicological properties have not been completely investigated.

## 12. ECOLOGICAL INFORMATION

## **12.1 Toxicity**

N/A

## **12.2 Persistence and degradability**

N/A

## **12.3 Bioaccumulative potential**

N/A

## **12.4 Mobility in soil**

N/A

## **12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment unavailable as chemical safety assessment not required or not conducted.

## **12.6 Other adverse effects**

N/A

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

- **Product:** Dispose of the substance in accordance with prevailing country, federal, state, and local regulations.
- **Contaminated packaging:** Conduct recycling or disposal in accordance with prevailing country, federal, state, and local regulations.

## **14. TRANSPORT INFORMATION**

### **DOT (US)**

- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, powder, N.O.S.
- **UN number:** 3077
- **Class:** 9
- **Packing group:** III

### **IMDG**

- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, powder, N.O.S.
- **UN number:** 3077
- **Class:** 9
- **Packing group:** III

## **IATA**

- **Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, powder, N.O.S.
- **UN number:** 3077
- **Class:** 9
- **Packing group:** III

## **15. REGULATORY INFORMATION**

### **SARA 302 Components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### **SARA 313 Components:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

\*\*SARA 31

## **16. OTHER INFORMATION**

**Revision Date:** 2026/07/20

**Further Information:** The information provided is believed to be correct but is not exhaustive and should be used only as a guideline based on current knowledge. It does not represent a guarantee of the properties of the product. Selleck Chemicals Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.