

## Material Safety Data Sheet

### 1. Identification of the substance

Product Name: 1-(4-iodophenyl)-3-morpholino-5,6-dihydropyridin-2(1H)-one  
CAS Number: 473927-69-4  
Catalog number: A846989  
Supplier: Amadis Chemical Co., Ltd.  
Swatts Cosine.No.166.Xiangmao Road.310015.  
Hangzhou,Zhejiang,P.R.China  
Tel:0086-571-89925085 Fax:0086-571-89925065

### 2. Composition/information on ingredients.

Ingredient name: 1-(4-iodophenyl)-3-morpholino-5,6-dihydropyridin-2(1H)-one  
Molecular formula: C<sub>15</sub>H<sub>17</sub>IN<sub>2</sub>O<sub>2</sub>  
Molecular weight: 384.21

### 3. Hazards identification

#### 3.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

#### 3.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Warning

Hazard statement(s)

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s)

P261 Avoid breathing dust.

P305 + P351 + P338

I F IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements      None

According to European Directive 67/548/EEC as amended

Hazard symbol(s)



R-phrase(s)

R22      Harmful if swallowed.

R36/37/38      Irritating to eyes, respiratory system and skin.

S-phrase(s)

S26      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37      Wear suitable protective clothing and gloves.

3.3 Other hazards      None

#### 4. First aid measures

Skin contact:      Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.

Eye contact:      Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.

Inhalation:      Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.

Ingestion:      Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

#### 5. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use drypowder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

#### 6. Accidental release measures

Personal precautions:      Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.

Respiratory precaution:      Wear approved mask/respirator

Hand precaution:      Wear suitable gloves/gauntlets

Skin protection:      Wear suitable protective clothing

Eye protection:      Wear suitable eye protection

Methods for cleaning up:      Mix with sand or similar inert absorbent material, sweep up and

keep in a tightly closed container for disposal. See section 12.

Environmental precautions: Do not allow material to enter drains or water courses.

## 7. Handling and storage

Handling: This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

Storage: Store in cool, well ventilated area. Keep container tightly closed.

## 8. Exposure Controls / PPE

Engineering Controls: Use only in a chemical fume hood.

Personal protective equipment: Wear chemical-resistant gloves, safety goggles.

General hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

## 9. Physical and chemical properties

Appearance : Not available  
Odor: Not available.  
Boiling point: 483.485°C  
Melting point: Not available  
Flash point: Not available  
Density: Not available

## 10. Stability and reactivity

Reactivity: no data  
Chemical stability: no data  
Possibility of hazardous reactions: no data  
Conditions to avoid: no data  
Incompatible materials: Strong oxidizing agents  
Hazardous decomposition products: Other decomposition products - no data available

## 11. Toxicological information

Acute Toxicity: No date  
Skin corrosion/irritation: Irritant for skin and mucous membranes  
Serious eye Damage/irritation: Irritant effect  
Respiratory or skin sensitization: No date  
Germ Cell mutagenicity: No date  
Carcinogenicity: No date  
Reproductive toxicity: No date  
STOT-single exposure: No date  
STOT-repeated exposure: No date  
Aspiration hazard: No date

## 12. Ecological information

Toxicity: No data  
Persistence and degradability: No data  
Bio accumulative potential: No data  
Mobility in soil: No data  
Results of PBT and vPvB assessment: No data  
Other adverse effects: No data

## 13. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local

waste disposal authority, in accordance with national and regional regulations.

**14. Transportation information**

Not available

**15. Regulatory information**

Safety, health and environmental and national regulations:

Product is not subject to any additional regulations or provisions

Safety Assessment

No Chemical Safety Assessment

**16. Other information**

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.