

## Material Safety Data Sheet

### 1. Identification of the substance

Product Name: 5-Bromo-8-nitroisoquinoline  
CAS Number: 63927-23-1  
Catalog number: A19766  
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: 5-Bromo-8-nitroisoquinoline  
Molecular formula: C<sub>9</sub>H<sub>5</sub>BrN<sub>2</sub>O<sub>2</sub>  
Molecular weight: 253.05

### 3. Hazards identification

#### 3.1 Classification of the substance or mixture

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

Acute toxicity, oral(Category 3) H301

Skin corrosion/irritation(Category 2) H315

Serious eye damage/eye irritation(Category 1) H318

No Resource File

#### 3.2 GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement(s)

H301 Toxic if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

Precautionary statement(s)

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P330 Rinse mouth.

P332+P313 If skin irritation occurs: Get medical advice/attention.

- P362 Take off contaminated clothing and wash before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container to in accordance with local

### 2.3 Associated risk phrases according to european directive 67/548/EEC

Hazard symbol(s)



R-phrase(s)

- R25 Toxic if swallowed.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.

S-phrase(s)

- S1 Keep locked up.  
S20/21 When using do not eat, drink or smoke.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27 Take off immediately all contaminated clothing.  
S28 After contact with skin, wash immediately with plenty of water.  
S28B After contact with skin, wash immediately with plenty of water and soap.  
S44 If you feel unwell, seek medical advice (show the label where possible).  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

### 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.

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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 :	Solid
Odor:	No data.
Boiling point:	386.9°C
Melting point:	136-140°C
Flash point:	No data.
Density:	No data

## 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**

DOT (US)

UN number: 1993                      Class: 3                      Packing group: III

Proper shipping name: Toxic substance,solid,organic,n.o.s.

Environmental hazards:No

IMDG

UN number: 1993                      Class: 3                      Packing group: III

Proper shipping name: Toxic substance,solid,organic,n.o.s.

Environmental hazards:No

IATA

UN number: 1993                      Class: 3                      Packing group: III

### **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.