

## Material Safety Data Sheet

### *Section 1 - Chemical Product and Company Identification*

MSDS Name: 4-Bromo-1H-pyrrolo[2,3-c]pyridine  
Synonyms: 4-Bromo-6-azaindole  
Company Identification: Annker Organics Co. Ltd.  
Wuhan National Bioindustry Base  
Wuhan 430074, China  
Telephone Number: +86-27-88041443  
Fax Number: +86-27-51829379

### *Section 2 - Product Information*

Catalog Number: HIN1636  
CAS Number: 69872-17-9  
MDL Number: MFCD11847768  
EC Number: Unlisted  
Molecular Formula:  $C_7H_5BrN_2$   
Molecular Weight: 197.03  
Purity: 97%

### *Section 3 - Physical and Chemical Properties*

Physical state: Crystalline powder  
Color: Brown  
Odor: Not available  
Freezing/Melting Point: Not available  
Boiling Point: Not available  
Flash Point: Not available  
Refractive Index ( $n_D^{20}$ ): Not available  
Density: Not available  
Decomposition Temperature: Not available  
Solubility: Not available

### *Section 4 - Hazards Identification*

Eye: Causes eye irritation.  
Skin: Causes skin irritation. Harmful if absorbed through the skin.  
Ingestion: May cause irritation of the digestive tract. Toxic if swallowed.  
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

### *Section 5 - First Aid Measures*

<i>Eye:</i>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<i>Skin:</i>	Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.
<i>Ingestion:</i>	Get medical aid immediately. Wash mouth out with water.
<i>Inhalation:</i>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

### ***Section 6 - Stability and Reactivity***

<i>Chemical Stability:</i>	Stable under normal temperatures and pressures.
<i>Materials to avoid:</i>	Strong oxidizing agents.
<i>Conditions to Avoid:</i>	Incompatible materials.
<i>Hazardous Decomposition Products:</i>	Carbon monoxide, carbon dioxide, nitrogen oxides, hydrobromide.
<i>Hazardous Polymerization:</i>	Has not been reported.

### ***Section 7 - Handling and Storage***

<i>Handling:</i>	Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.
<i>Storage:</i>	Store in a cool, dry well ventilated place away from sources of heat and incompatible substances. Keep container tightly closed when not in use.

### ***Section 8 - Personal Protection***

<i>Eyes:</i>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<i>Skin:</i>	Wear appropriate protective gloves to prevent skin exposure.
<i>Clothing:</i>	Wear appropriate protective clothing to prevent skin exposure.
<i>Respirators:</i>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### ***Section 9 - Fire and Explosion Hazard Data***

<i>General Information:</i>	As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.
<i>Extinguishing Media:</i>	Use water spray, dry chemical, carbon dioxide, or appropriate foam.

### ***Section 10 - Accidental Release Measures***

<i>General Information:</i>	Use proper personal protective equipment as indicated in Section 8.
<i>Spills/Leaks:</i>	Vacuum or sweep up material and place into a suitable disposal container.

### ***Section 11 - Toxicological Information***

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<b>RTECS#:</b>	CAS#69872-17-9: Not available
<b>LD50/LC50:</b>	RTECS: Not available.
<b>Carcinogenicity:</b>	4-Bromo-1H-pyrrolo[2,3-c]pyridine - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

### ***Section 12 - Environmental information***

Not available

### ***Section 13 - Disposal Consideration***

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

### ***Section 14 - Transport Information***

<b>IATA:</b>	This substance is considered to be not restricted for transportation.
<b>IMO:</b>	This substance is considered to be not restricted for transportation.
<b>RID/ADR:</b>	This substance is considered to be not restricted for transportation.

### ***Section 15 - Regulatory Information***

#### *European/International Regulations*

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Indication of Danger: Irritant

Risk Phrases:

R 22: Harmful if swallowed.

Safety Phrases:

S 24/25: Avoid contact with skin and eyes.

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

CAS#69872-17-9: 2

Canada

CAS#69872-17-9: Not available

#### *US Federal*

#### *TSCA*

CAS#69872-17-9 is not listed on the TSCA Inventory. It is for research and development use only.

### ***Section 16 - Additional Information***

<b>MSDS Creation Date:</b>	February 18, 2009
<b>Update:</b>	September 21, 2009

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**Note: This product is for laboratory use only - not for drug, household or other use.**