

# Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 4-Chloro-2-(methylthio)-7h-pyrrolo[2,3-d]pyrimidine

Catalog Number: F-4212

CAS Number: 57564-94-0

**FOR R&D use only**

Supplier: AChemBlock(Advanced ChemBlocks Inc), 26120 Eden Landing Rd, Suite 1  
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## 2. HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity, Oral (Category 3)

Acute toxicity, Dermal (Category 3)

Acute toxicity, Inhalation (Category 3)

Specific target organ toxicity-single exposure(Category 3),Respiratory system

### GHS Label elements, including precautionary Statements

Pictogram:



Signal word: Danger

### Hazard statement(s):

H301 Toxic if swallowed  
H311 Toxic in contact with skin  
H331 Toxic if inhaled  
H335 May cause respiratory irritation

### Precautionary Statement(s):

P261 Avoid breathing dust/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.  
P301+P310  
P302+P352  
P304+P340  
P310 Immediately call a POISON CENTER or doctor/physician.

P330	Rinse mouth.
P361	Remove/Take off immediately all contaminated clothing.
P403+P233	
P405	Store locked up.
P501	Dispose of contents/container to ...

### 3. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient name:	4-Chloro-2-(methylthio)-7h-pyrrolo[2,3-d]pyrimidine
CAS number:	57564-94-0
Molecular Formula:	C7H6CLN3S
Molecular Weight:	199.66

### 4. FIRST AID MEASURES

**In case of eye contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If inhaled:**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin Contact:**

Wash off with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

**If swallowed:**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:**

Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

**Special protective equipment for firefighters:**

Wear self-contained breathing apparatus for fire-fighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**Environmental precautions:**

Do not let product enter drains.

**Methods and Materials for containment and cleaning up**

Absorb spills on sand or vermiculite and place in closed container for disposal.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling:**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.

### **Conditions for safe storage:**

Keep container tightly closed in a cool, dry, well-ventilated place.

### **Recommended storage temperature:**

Store at 0-8 °C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### **Engineering Controls:**

Use only in a chemical fume hood.

### **Personal Protective equipment:**

Wear chemical-resistant gloves, safety goggles.

### **General Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	off-white solid
Odor:	not available
Boiling point:	not available
Melting point:	not available
Flash Point:	not available
Density:	not available

## 10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.

Materials to avoid: No data available

Conditions to avoid: strong oxidizer; strong acid

Possible hazardous combustion products: carbon oxides; hydrogen chloride; nitrogen oxides; sulfur dioxide;

## 11. Toxicological information

No Data.

## 12. ECOLOGICAL INFORMATION

No Data.

## 13. DISPOSAL CONSIDERATIONS

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

Non-hazardous for air and ground transportation. Or not available.

## 15. Regulatory Information

Indication of danger: No data

Risk Statement: No data

Safety Statement: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

## 16. Other information

Revision: 2

Revision Date: Update: 2024-01-01

*The above information is believed to be correct at the date of its publication but does not supposed to be all-inclusive and shall be used only as a guide.*

***Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.***

*AChemBlock(Advanced ChemBlocks Inc) should not be held liable for any damage resulting from handling or from contact with the above product.*