

## ACI SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Description:

5-Chloro-2-chloromethyl-pyridine

Cat No:

ACI-04823

CAS No:

10177-24-9

**Relevant identified uses of the substance or mixture and uses advised against**

Recommended Use: Laboratory Chemicals

Uses advised against: No information available

**Details of the supplier of the safety data sheet****Company**

Advanced Chemical Intermediates Limited

The Old Dairy

Tresplatt

Davidstow

Cornwall

PL32 9YD

Tel: +44 (0) 1840 261451

### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

REGULATION (EC) No 1272/2008

Acute oral toxicity	Category 4
Acute dermal toxicity	Category 4
Acute Inhalation toxicity – Dusts and mists	Category 4
Skin corrosion/irritation	Category 1B
Serious Eye Damage/Eye irritation	Category 1B

**Label Elements****Signal Word**

Danger

**Hazard Statements**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

**Precautionary Statements – EU (S28, 1272/2008)**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304 + P340. IF INHALED: Remove person to fresh air and keep 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.

P310 Immediately call a POISON CENTER/doctor.

**Other Hazards**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component: 5-Chloro-2-chloromethyl-pyridine

CAS: 10177-24-9

EC No:

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes, Obtain medical attention
<b>Skin Contact</b>	wash off immediately with soap and plenty of water removing all contaminated clothes and shoes, Obtain medical attention
<b>Ingestion</b>	Clean mouth with water, Obtain medical attention
<b>Inhalation</b>	Remove from exposure, lie down. Move to fresh air if breathing is difficult, give oxygen if not breathing, give artificial respiration, Obtain medical attention

## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

#### **Suitable Extinguishing Media**

Water spray Carbon dioxide (CO<sub>2</sub>) Dry chemical foam

#### **Extinguishing media which must not be used for safety reasons**

No information available

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

Thermal decomposition can lead to release of irritating gases and vapours

#### **Advice for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

#### **Environmental precautions**

Prevent further leakage or spillage if safe to do so

#### **Methods and material for containment and cleaning up**

Sweep up or spillage and collect in suitable container for disposal. Use suitable absorbent if required. Do not let this chemical enter the environment

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid contact with skin and eyes. Do not breath dust. Do not breath vapours or spray mist. Do not ingest

#### **Conditions for Safe Storage, including and incompatibilities**

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

KEEP REFRIGERATED

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Exposure limits	Not applicable
Derived No Effect Level (DNEL)	No information available
Predicted No Effect Concentration (PNEC)	No information available

### Exposure Controls

#### **Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to workstation location.

#### **Personal Protective Equipment**

- |                             |   |
|-----------------------------|---|
| 1. Eye protection           | Goggles   |
| 2. Hand protection          | Protective gloves   |
| 3. Skin and body protection | Wear appropriate protective gloves and clothing to prevent skin exposure  |
| 4. Respiratory protection   | 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. |

#### **Hygiene Measures**

Handle in accordance with good industrial hygiene practice

#### **Environmental Exposure Controls**

No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Colourless to red
Boiling Point/Range	
Melting Point/Range	
Flash Point	
Molecular Formula	C <sub>6</sub> H <sub>5</sub> Cl <sub>2</sub> N
Molecular Weight	162.02

## 10. STABILITY AND REACTIVITY

### Reactivity

#### **Chemical Stability**

Stable under normal conditions

#### **Possibility of Hazardous Reactions**

Hazardous Polymerization No information available

Hazardous Reactions No information available

#### **Conditions to Avoid**

Incompatible products. Heat.

#### **Incompatible Materials**

Acids, bases, strong oxidizing agents, strong reducing agents,

### **Hazardous Decomposition Products**

In combustion emits toxic fumes.

## **11. TOXICOLOGICAL INFORMATION**

### **Information on Toxicological Effects**

#### **Acute Toxicity**

**Product Information** No acute toxicity information available for product

#### **Component Information**

#### **Chronic Toxicity**

**Carcinogenicity** There are no known carcinogenic chemicals in product

**Sensitization** No information available

**Mutagenic Effects** No information available

**Reproductive Effects** No information available

**Developmental Effects** No information available

**Target Organs** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated

**Endocrine Disruptor Information** None known

## **12. ECOLOGICAL INFORMATION**

### **Toxicity**

**Eco-toxicity Effects** Do not empty into drains

**Persistence and Degradability** No information available

**Bio-accumulative Potential** No information available

**Mobility in Soil** No information available

**Other adverse effects** No information available

## **13. DISPOSAL CONSIDERATIONS**

### **Waste Treatment Methods**

**Waste from Residues/Unused Products** Dispose of in accordance with local regulations

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal

## **14. TRANSPORT INFORMATION**

### **IMDG/IMO**

UN-No 1760  
Hazard class 8  
Packing group iii  
Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### **ADR**

UN-No 1760  
Hazard class 8  
Packing group iii  
Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

### **IATA**

UN-No 1760  
Hazard Class 8  
Packing Group iii  
Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S

## **15. REGULATORY INFORMATION**

### **Safety, health and environmental regulations specific for the substance or the mixture**

#### **Chemical Safety Assessment**

A Chemical safety assessment has not been carried out.

#### **International Inventories**

## **16. OTHER INFORMATION**

**Revision Date** 15-Oct-2019  
**Version Number** 1.0  
**Revision Summary** Not Applicable  
**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

### **Disclaimer**

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