

**ACI SAFETY DATA SHEET****1. PRODUCT AND COMPANY IDENTIFICATION****Product Identifier****Product Description:****Cat No:****CAS No:****5-(4-Chloro-phenyl)-3-methyl-isoxazole-4-carboxylic acid methyl ester****ACI-01237****262855-27-6****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

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**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 2
Serious Eye Damage/Eye irritation	Category 2
Specific target organ systemic toxicity (single exposure)	Category 3

**Label Elements****Signal Word****Warning****Hazard Statements**

H302 – Harmful if swallowed

H315 – Causes skin irritation

H320 – Causes eye irritation

H335 – May cause respiratory irritation

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

P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray

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

P302 + P352 – IF ON SKIN: Wash with plenty of 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.

**Other Hazards**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Component:** 5-(4-Chloro-phenyl)-3-methyl-isoxazole-4-carboxylic acid methyl ester**CAS:** 262855-27-6**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 (CO2) 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 breathe dust. Do not breathe vapours or spray mist. Do not ingest

**Conditions for Safe Storage, including any incompatibilities**

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

<b>Exposure limits</b>	Not applicable
<b>Derived No Effect Level (DNEL)</b>	No information available
<b>Predicted No Effect Concentration (PNEC)</b>	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**

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

<b>Physical State</b>	Solid
<b>Appearance</b>	Beige
<b>Boiling Point/Range</b>	
<b>Melting Point/Range</b>	
<b>Flash Point</b>	
<b>Molecular Formula</b>	C12H10ClNO3
<b>Molecular Weight</b>	251.67

**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

Not regulated

### ADR

Not regulated

### IATA

Not regulated

## 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

28-Jan-2022

#### 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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