

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

Product Description:

**(5-Methyl-isoxazol-3-yl)-methanol**

Cat No:

**ACI-00368**

CAS No:

**35166-33-7****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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PL32 9YD

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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 2A
Specific target organ systemic toxicity (single exposure)	Category 3

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

H302 – Harmful if swallowed

H315 – Causes skin irritation

H319 – Causes serious eye irritation

H332 – Harmful if inhaled

H312 – Harmful in contact with skin

H335 – May cause respiratory irritation

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

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

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

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

P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position 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.

**Other Hazards**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component: **(5-Methyl-isoxazol-3-yl)-methanol**CAS No: **35166-33-7**

EC No:

### 4. FIRST AID MEASURES

**Description of first aid measures****Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes, Obtain medical attention**Skin Contact** wash off immediately with soap and plenty of water removing all contaminated clothes and shoes, Obtain medical attention**Ingestion** Clean mouth with water, Obtain medical attention**Inhalation** 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.

## 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 OIL
Boiling Point/Range	-
Melting Point/Range	-
Flash Point	-
Molecular Formula	C <sub>5</sub> H <sub>7</sub> NO <sub>2</sub>
Molecular Weight	113.12

## 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

10-Nov-2017

#### Revision Summary

Not Applicable

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

### Disclaimer

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