

## Safety Data Sheet

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product Name: 3-(3-cyanophenyl)-1,2-oxazole-5-carboxylic acid

CAS No.: 1152531-77-5

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances. For scientific research and development only. Not for use in humans or animals.

#### 1.3 Details of the supplier of the safety data sheet

Brand: MuseChem

Company: ArrakisTek Inc.

#### 1.4 Emergency telephone number

Telephone: +1-862-686-3898

Fax: +1-323-978-5598

E-mail address: [info@musechem.com](mailto:info@musechem.com)

Revision date: 09/23/2019

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, oral(Category 4), H302

Skin corrosion/irritation(Category 2), H315

Serious eye damage/eye irritation(Category 2), H319

Specific target organ toxicity, single exposure; Respiratory tract irritation(Category 3), H335

For the full text of the H-Statements mentioned in this Section, see Section 2.2

#### 2.2 Label elements



##### Pictogram(s)

**Signal word** Warning

##### Hazard statement(s)

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

H332 Harmful 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. Wash skin 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+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P302+P352 IF ON SKIN: wash with plenty of soap and water.

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.

P330 Rinse mouth.

P332+P313 IF SKIN irritation occurs: Get medical advice/attention.

P337+P313 IF eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

No data available

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical Name: 3-(3-cyanophenyl)-1,2-oxazole-5-carboxylic acid

Common names and synonyms: 3-(3-cyanophenyl)-1,2-oxazole-5-carboxylic acid

CAS number: 1152531-77-5

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.

**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

**Skin contact:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Eye contact:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed, if necessary

No data available

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### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Sand, carbon dioxide, dry chemical powder, or appropriate foam.

#### 5.2 Special hazards arising from the chemical

May emit toxic fumes under fire conditions including Carbon monoxide, Carbon dioxide, Nitrogen oxides.

#### 5.3 Special protective actions for fire-fighters

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: remove movable containers if safe to do so. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3 Methods and materials for containment and cleaning up

Wipe dry, place a rag in a bag and hold for waste disposal. Avoid fumes inhaling. Ventilate area and wash spill site after material pickup is complete.

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### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Handling is performed in a well ventilated place. Wear suitable protective equipment. Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wash hands and face thoroughly after handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and upright. Avoid overheating. Store in a dry and well-ventilated place at RT.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

Components with workplace control parameters

N/A

#### 8.2 Appropriate engineering controls

Install a closed system or local exhaust so that workers should not be exposed directly.

Install safety shower and eye bath.  
Wash hands thoroughly after handling.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

**Respiratory Protection:** Government approved respirator.

**Skin Protection:** Compatible chemical-resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands.

**Eye/Face Protection:** Government approved eye/face protection equipment.

**Body protection:** Protective clothing. Protective boots, if the situation requires.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Property Value At Temperature or Pressure

Appearance (20°C)

Physical state: powder

Odour: N/A

Colour: white

pH: N/A

Melting point/freezing point (°C): N/A

Initial boiling point and boiling point range (°C): N/A

Flash Point (°C): N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density (g/ml):

Partition coefficient: noctanol/water: 1.887

Auto-ignition

temperature (°C): N/A

Viscosity: N/A

Flammability: N/A

Explosive properties: N/A

Oxidizing properties: N/A

Water solubility: N/A

Evaporation rate: N/A

Refractive index: N/A

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## 10. STABILITY AND REACTIVITY

### 10.1 Chemical stability

Stable under specified storage temperature.

### 10.2 Possibility of hazardous reactions

No data available

### 10.3 Conditions to avoid

No data available

### 10.4 Incompatible materials

Strong oxidizing agents.

### 10.5 Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Nitrogen oxides

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

N/A

Toxicological properties were not fully evaluated.

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## 12. ECOLOGICAL INFORMATION

N/A

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal methods

#### Product

Contact a licensed professional waste disposal service to dispose of this material. 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

#### Contaminated packaging

Dispose of as unused product

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## 14. TRANSPORT INFORMATION

### 14.1 UN Number

ADR/RID: -    IMDG: -    IATA: -

### 14.2 UN Proper Shipping Name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3 Transport hazard class(es)

ADR/RID: -    IMDG: -    IATA: -

### 14.4 Packing group, if applicable

ADR/RID: -    IMDG: -    IATA: -

### 14.5 Environmental hazards

ADR/RID: NO

IMDG: No

IATA: No

### 14.6 Special precautions for user

No data available

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## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulations (EC) No. 1907/2006 and No. 1272/2008.

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

No data available

**15.2 Chemical Safety Assessment**

For this product no chemical safety assessment was carried out at Muse Chem.

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**16. OTHER INFORMATION**

**Further information**

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