

3-(2,6-Dichlorophenyl)-5-methylisoxazole-4-carbonyl Chloride: sc-209454



The Power to Question

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Product Name: 3-(2,6-Dichlorophenyl)-5-methylisoxazole-4-carbonyl Chloride
Catalog Number: sc-209454
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

2. COMPOSITION AND INFORMATION ON COMPONENTS

Product Name: 3-(2,6-Dichlorophenyl)-5-Methyl-1,2-Oxazole-4-Carbonyl Chloride
CAS No: 4462-55-9
Synonyms: No data

3. HAZARDS IDENTIFICATION

Designation: Corrosive; Water reactive
General Risk: Avoid inhalation, contact with skin or eyes, and ingestion. Follow safe industrial hygiene practices and always wear personal protective equipment when handling this compound.; Corrosive (causes chemical burns) to skin, eyes, and respiratory system. Spray or mist is highly irritating to the respiratory tract. Corrosive materials can result in serious injury if ingested. Harmful if ingested or inhaled.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. In cases of serious discomfort seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.
Eye Contact: Flush with copious amounts of water for at least 20 minutes. Seek immediate medical attention.
Skin Contact: Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation seek immediate medical attention. Show the physician the container details.
Ingestion: Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Medium: Fight larger fires with water spray or alcohol resistant foam; Use a dry chemical fire extinguisher; Use a CO2 fire extinguisher
Protective Equipment: Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic gases when burning.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection:	Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.
Environmental Protection:	Take precautions to ensure product does not contaminate the ground or enter the drainage system.
Collection:	Sweep and place into bag for disposal. Minimize dust collection and wear a respirator. Dispose of with an approved contractor in accordance with local, state and federal laws.

7. HANDLING AND STORAGE

Handling:	Moisture sensitive; Chemicals should be used only by those trained in handling potentially hazardous materials. Chemical resistant gloves, eye protection and protective clothing should be worn. Operations should be carried out in efficient fume hood or equivalent system. Avoid breathing of dust, vapor, mist, or gas.
Storage:	Store in a cool, dry, well ventilated area. Store in a tightly sealed container. Protect from moisture, heat, ignition sources, and incompatible substances. Protect from direct light. See stability and reactivity for more details on incompatible substances.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory:	Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.
Eye:	Avoid eye contact. Wear safety glasses, goggles or, for larger quantities, a full-face shield.
Hands and Body:	Avoid skin contact. Wear chemical-resistant gloves and, for larger quantities, a full arm and body protection. Wash hands thoroughly after handling.

9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance:	Yellow to brown solid
Boiling Point:	No data
Melting Point:	94 C
Molecular Formula:	C ₁₁ H ₆ Cl ₃ NO ₂
Water Solubility:	Reacts
Flash Point:	No data
Formula Weight:	290.529999
Density:	No data
Lower Explosive Limit:	No data
Upper Explosive Limit:	No data
PEL:	No data
Auto Ignition Point:	No data

10. STABILITY AND REACTIVITY

Reacts with oxidizers; Moisture sensitive; Reacts with water, may form toxic or explosive gases

11. TOXICOLOGICAL INFORMATION

The toxicological properties of this compound have not been fully investigated. However, as a minimum precaution, it should be considered to be harmful. Precautions should be taken and procedures adopted to prevent exposure. Hazardous decomposition products may occur when this compound comes in contact with other chemicals, fire, or water.

12. ECOLOGICAL EFFECTS

Take care to prevent chemicals from entering the ground, water bodies, or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal should be carried out via an approved contractor according to all federal, state, and local regulations.

14. TRANSPORT INFORMATION

UN Number:	3261
Packing Group:	III
Hazard Class:	No data available
DOT ShipName:	No data available

Other Information:

Class 8 Corrosive

15. REGULATORY INFORMATION

ALL or some of the components of this substance ARE LISTED on the EPA Toxic Substance Control Act (TSCA) inventory

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

11/17/2010