

3-(chloromethyl)-5-thien-2-yl-1,2,4-oxadiazole: sc-275826



MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: 3-(chloromethyl)-5-thien-2-yl-1,2,4-oxadiazole
Product Number: sc-275826
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 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/Information on Ingredients

Product Name: 3-(chloromethyl)-5-(thiophen-2-yl)-1,2,4-oxadiazole
CAS #: 306936-06-1
Formula: C₇H₅ClN₂OS
Molecular Weight: 200.645

3. Hazards Identification

Special indication of hazards to humans and the environment: Harmful if swallowed or inhaled.

4. First Aid Measures

After inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

After 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.

After 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.

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

5. Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

Specific Hazard(s): Emits toxic fumes under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL

Evacuate area.

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

METHODS FOR 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.

7. Handling and Storage

HANDLING

Directions for Safe Handling: Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Conditions of Storage: Keep tightly closed. Keep in room temperature.

Expire date: Not available, reanalysis is required no more than once a year.

Special requirements: -

8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Government approved respirator.

Hand Protection: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

9. Physical and Chemical Properties

pH	N/A	MP/MP Range	62 °C
Flash Point	N/A	Flammability	N/A
Autoignition Temp	N/A	Oxidizing Properties	N/A
Explosive Properties	N/A	Explosion Limits	N/A
Vapor Pressure	N/A	SG/Density	N/A
Partition Coefficient	N/A	Viscosity	N/A
Vapor Density	N/A	Saturated Vapor Conc.	N/A
Evaporation Rate	N/A	Bulk Density	N/A
Decomposition Temp.	N/A	Solvent Content	N/A
Water Content	N/A	Surface Tension	N/A
Conductivity	N/A	Miscellaneous Data	N/A
Solubility	N/A		

10. Stability and Reactivity

STABILITY

Stable: Stable.

Conditions of Instability: No data available

Materials to Avoid: Strong oxidizing agents, Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxides.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

11. Toxicological Information

N/A

12. Ecological Information

N/A

13. Disposal Considerations

SUBSTANCE DISPOSAL

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.

14. Transport Information

Non-hazard for transport. The above goods is/are non-corrosive, non-oxidizing, non-magnetic, nontoxic and not dangerous and it can be carried in any passenger aircraft.

15. Regulatory Information

Safety Statements: Do not breathe dust. Avoid contact with skin and eyes.

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.

2/28/2012