

Chemcia Scientific, LLC

SAFETY DATA SHEET

SECTION 1

Identification of the substance

Catalog Number: BB20-4338
Chemical Name: 4-Nitro-thiophene-2-carbaldehyde
Formula: C₅H₃NO₃S
Supplier: Chemcia Scientific, LLC Tel: 1-858-775-2711 Web: www.chemcia.com
9885 Mesa Rim Road, Suite 104 , San Diego, CA 92121, USA.

SECTION 2

Hazards Identification

GHS Pictograms



GHS Signal Word

Warning

GHS Hazard Statement(s)

H302 Harmful if swallowed
H315 Causes skin irritation
H320 Causes eye irritation
H335 May cause respiratory irritation

GHS Precautionary Statement(s)

P261 Avoid breathing dust.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305 + P351 + P338
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3

Composition information on ingredients

Ingredient: Title compound, >95%
CAS Number: [57500-53-5]

SECTION 4

First Aid Measure

Skin Contact: Immediately wash the affected area with water while removing contaminated clothing and shoes if necessary. Seek medical assistance if irritation persists.
Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.
Inhalation: Breath of fresh air. In severe cases or if symptoms persist, seek medical attention.
Ingestion: Wash out mouth with copious amounts of water for several times. Seek medical attention if needed.

SECTION 5

Fire Fighting Measures

Extinguishing Medium: Carbon dioxide, foam or dry powder.
In the event of a fire involving this material, alone or in combination with other materials, the fire fighters should be equipped with protective clothing and self-contained breathing apparatus.

SECTION 6

Accidental Release Measures

Personal Precautions: Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Environ. Precautions: Do not discharge into drains/surface waters/ground water.

SECTION 7

Handling and Storage

Handling: This product should be worked up in closed equipment as far as possible, and should be handled only by, or under the close supervision of, those properly qualified personnel in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet. Do not get in eyes, on skin, or on clothing. Avoid inhalation of dusts/mists/vapors. Protect against moisture and heat. Protect from air. Ensure adequate ventilation.
Storage: Store in a tightly sealed vessel in 0~5°C, and keep away from heat and direct sunlight.

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SECTION 8

Exposure Controls / Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.
Skin Protection: Wear protective clothing and gloves.
Respiratory Precaution: If ventilation is not available a respirator should be worn.
Hand Precaution: Always wear suitable gloves/gauntlets
Ventilation: Handle this product in an efficient fume hood.

SECTION 9

Physical and Chemical Properties

Appearance: Solid
Melting Point: No data
Boiling Point: None
Specific Gravity: No data
Molecular Weight: 157.1
Odor: No data

SECTION 10

Stability and Reactivity

Conditions to Avoid: Heat, sparks and flames
Incompatibility: Oxidizing agents and reducing agents

SECTION 11

Toxicological information

Toxicological properties of this compound have not been investigated.

SECTION 12

Ecological information

No data

SECTION 13

Disposal Considerations

Contact a licensed professional waste disposal service to dispose this material in accordance with national, state and local regulations. Do not discharge into waterways or sewer systems.

SECTION 14

Transportation Information

Not hazardous for air and ground transportation when properly sealed or packed.

SECTION 15

Regulatory information

This compound is only for laboratory use. No safety assessment has been fully investigated.

SECTION 16

Other Information

The information herein is correct and reliable to the best of our knowledge, but it should not be considered to be all inclusive and it is only used as a guideline. Since the toxicological and ecological effects of this material have not been fully investigated, Chemcia Scientific, LLC does not accept liability for any loss, injury or damage resulted from the use of this product.