Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 1,3-Thiazole-2-carbaldehyde
Catalog Number: U103219
CAS Number: 10200-59-6

FOR R&D use only

Supplier: AChemBlock(Advanced ChemBlocks Inc), 26120 Eden Landing Rd, Suite 1 Hayward, CA 94545, USA. Tel: (650) 692 2368

2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquid (Category 4)
Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)

GHS Label elements, including precautionary Statements

Pictogram:



Signal Word: Warning

Hazard statement(s):

H227	Combustible liquid
H315	Causes skin irritation
H319	Causes serious eye irritation

Precautionary Statement(s):

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	
P305+P351+P338	
P321	Specific treatment (see ... on this label).
P332+P313	
P337+P313	
P362	Take off contaminated clothing and wash before reuse.
P370+P378	
P403+P235	

P501	Dispose of contents/container to ...

3. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient name:	1,3-Thiazole-2-carbaldehyde
CAS number:	10200-59-6
Molecular Formula:	C_4H_3NOS
Molecular Weight:	113.13

4. FIRST AID MEASURES

In case of eye contact:
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If inhaled:
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin Contact:
Wash off with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

If swallowed:
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:
Use carbon dioxide, dry chemical powder, alcohol-resistant or polymer foam.

Special protective equipment for firefighters:
Wear self-contained breathing apparatus for fire-fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions:
Do not let product enter drains.

Methods and Materials for containment and cleaning up:
Absorb spills on sand or vermiculite and place in closed container for disposal

7. HANDLING AND STORAGE

Precautions for safe handing:
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.

Conditions for safe storage:
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Recommended storage temperature:
Store at 0-8 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Engineering Controls:
Use only in a chemical fume hood.

Personal Protective equipment:
Wear chemical-resistant gloves, safety googles.

General Hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Odor:
Boiling Point:
Melting Point:
Flash Point:
Density:

10. STABILITY AND REACTIVITY

Chemical stability:
Materials to avoid:
Conditions to avoid:
Possible hazardous combustion products:

11. Toxicological information

No Data.

12. ECOLOGICAL INFORMATION

No Data.

13. DISPOSAL CONSIDERAIONS

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

14. Transportation information

Non-hazardous for air and ground transportation. Or not available.

15. Regulatory Information

Indication of danger:	No data
Risk Statement:	No data
Safety Statement:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

16. Other information

Revision:	2.
Revision Date:	2024-01-01

The above information is believed to be correct at the date of its publication but does not supposed to be all-inclusive and shall be used only as a guide.
Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.
AChemBlock(Advanced ChemBlocks Inc) should not be held liable for any damage resulting from handling or from contact with the above product.