Safety Data Sheet (SDS)

According to Regulation (EC) No. 1907/2006 (REACH)
Product: 9-Me-BC
CAS number: 2521-07-5
Revision date: 13 March 2026

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1. Identification of the substance and of the company

Product identifier

Product name: 9-Me-BC
Chemical name: 9-Methyl-β-carboline
CAS number: 2521-07-5
Synonyms: 9-methyl-9H-pyrido[3,4-b]indole.

Relevant identified uses

Chemical reference material
Laboratory research and analytical applications

Not intended for food, drug, cosmetic or household use.

Supplier

Rexar
Genestetstraat 3
2394 XK Hazerswoude
Netherlands

Email: info@rexar.nl

Emergency information

Contact local poison control centre.

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2. Hazards identification

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Not classified as hazardous according to the supplier safety documentation used for this draft. The reviewed Cayman SDS states that the substance is **not classified according to GHS**, with **no hazard pictograms, no signal word and no hazard statements**.

Label elements

Pictograms: None
Signal word: None
Hazard statements: None.

Other hazards

PBT: Not applicable
vPvB: Not applicable. Cayman also states that there are **no adverse physical or health effects known** outside the standard hazard classes.

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3. Composition / information on ingredients

Substance: 9-Me-BC

CAS number: 2521-07-5

Molecular formula: C12H10N2
Molecular weight: 182.2 g/mol.

Purity: typically ≥98%

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4. First aid measures

General advice

Remove affected person from exposure and ensure fresh air.

Inhalation

Move person to fresh air. Seek medical advice if symptoms occur. The reviewed Cayman SDS says: supply fresh air; consult doctor in case of complaints.

Skin contact

Wash thoroughly with soap and water. Cayman notes that the product generally does not irritate the skin.

Eye contact

Rinse cautiously with water for several minutes. Cayman advises rinsing the opened eye for several minutes under running water.

Ingestion

Rinse mouth. Seek medical advice if symptoms persist.

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5. Firefighting measures

Suitable extinguishing media

Use fire-fighting measures that suit the surrounding environment. A solid water stream may be inefficient.

Special hazards

Combustion may produce carbon oxides and nitrogen oxides. This is a standard decomposition profile for an organic nitrogen-containing compound.

Protective equipment

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where required.

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6. Accidental release measures

Personal precautions

Avoid dust formation and inhalation. Use appropriate protective equipment.

Environmental precautions

Do not allow product to enter sewers, surface water or ground water.

Cleanup methods

Pick up mechanically and place in a suitable waste container.

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7. Handling and storage

Handling

Use standard laboratory safety practices. Avoid unnecessary dust formation and inhalation.

Storage

Store in a tightly sealed container in a cool, dry and well-ventilated area.

8. Exposure controls / personal protection

Exposure limits

No occupational exposure limits established in the reviewed supplier SDS.

Engineering controls

Use adequate ventilation.

Personal protective equipment

Eye protection: safety glasses
Gloves: nitrile or chemical-resistant gloves
Respiratory protection: dust mask if dust is generated

9. Physical and chemical properties

Appearance: solid / crystalline powder
Odor: characteristic
Molecular formula: C12H10N2
Molecular weight: 182.2 g/mol.

10. Stability and reactivity

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Excessive heat
Moisture
Dust generation

Hazardous decomposition

Carbon oxides
Nitrogen oxides

11. Toxicological information

Limited toxicological data are publicly available.

Based on the supplier safety documentation used for this draft, the substance is **not classified as hazardous according to GHS/CLP-style hazard communication**, and the reviewed Cayman SDS notes **no irritant effect on skin**, **no irritating effect on eyes**, and **no sensitizing effects known**.

Exposure routes may include inhalation of dust, ingestion, skin contact and eye contact.

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12. Ecological information

Limited ecological data available.

Avoid release into the environment and prevent entry into drains or waterways.

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13. Disposal considerations

Dispose of material in accordance with local regulations.

Chemical waste should be handled by licensed disposal services.

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14. Transport information

Not classified as dangerous goods according to the reviewed supplier documentation. The Cayman SDS lists **DOT, IMDG and IATA as not regulated**.

ADR (road)
IMDG (sea)
IATA (air)

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15. Regulatory information

This product is supplied as a **chemical reference material for laboratory use**.

For this Rexar draft, the classification line used is:

Not classified as hazardous according to the supplier safety documentation used for this draft.

16. Other information

This Safety Data Sheet provides information for safe handling in laboratory environments.

The product is supplied **for research and analytical use only**.

The information provided is based on reviewed public supplier safety documentation and chemical identity records and is believed to be accurate, but does not constitute a guarantee of product properties.