

Safety Data Sheet

#10513742 · Full 16-section SDS

According to Regulation (EC) No 1907/2006

According to Regulation (EC) No 2020/878

PRODUCT	CAS NUMBER	FORMULA	VERSION	REVISION DATE
2-Amino-3-bromo-6-picoline (2-Amino-3-bromo-6-methylpyridine)	126325-46-0	C5H2NCH3NH2Br	10	11 Sep 2026

SECTION 1

Identification

Product name	2-Amino-3-bromo-6-picoline (2-Amino-3-bromo-6-methylpyridine)
CAS number	126325-46-0
Chemical formula	C5H2NCH3NH2Br
Molecular weight	187.04
SMILES	CC1=NC(N)=C(Br)C=C1
EC / EINECS number	692-684-8
Recommended use & restrictions	For research and development. Laboratory chemicals. Manufacture of substances. Not suitable for human or veterinary purposes.
Emergency telephone	0344 892 0111 — National Poisons Information Service (NPIS) (United Kingdom — for healthcare professionals (via TOXBASE))

SECTION 2

Hazard identification

**DANGER****CODE HAZARD STATEMENT**

H302 + H312 Harmful if swallowed, in contact with skin or if inhaled
+ H332

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

CODE PRECAUTIONARY STATEMENT

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P302+352 IF ON SKIN: Wash with soap and water

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338 IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

Other hazards (e.g. PBT / vPvB, not classified)

Does not meet PBT or vPvB criteria under REACH Annex XIII. This product does not contain any known or suspected Endocrine disruptors.

SECTION 3

Composition / information on ingredients

Purity / concentration ~98.0%

Impurities / stabilising additives *Not applicable*

SECTION 4

First-aid measures

Inhalation	Remove from exposure, lie down. Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Ingestion	Clean mouth with water. Drink 2-4 cupfuls of milk or water. Get medical attention.
Symptoms / effects & medical attention	Eye irritation, chemical conjunctivitis, skin irritation, diarrhea, edema. Effects may be delayed. Treat symptomatically and supportively.

SECTION 5

Fire-fighting measures

Suitable extinguishing media	Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam
Unsuitable extinguishing media	<i>Not applicable</i>
Special hazards	Thermal decomposition releases irritating gases (CO, CO ₂ , NO _x , hydrogen bromide)
Advice for firefighters	Use self-contained breathing apparatus (NIOSH/MSHA-approved) and full protective gear.

SECTION 6

Accidental release measures

Personal precautions & PPE	Avoid dust formation; ensure adequate ventilation; use protective equipment (gloves, clothing, eye/face protection).
Environmental precautions	Prevent release into the environment; refer to ecological information (Section 12).
Containment & clean-up methods	Sweep up and shovel into sealed containers for disposal.

For specific precautions, see Section 8 and Section 13.

SECTION 7

Handling & storage

Storage temperature	2 to 8 °C
Precautions for safe handling	Avoid contact with eyes, skin, or clothing; prevent ingestion/inhalation; avoid dust formation. Use protective equipment (gloves, face protection).
Conditions for safe storage (incompatibilities)	Keep refrigerated; store in accordance with TRGS 510 Class 11 (Germany).

SECTION 8

Exposure controls / personal protection

Occupational exposure limits (OEL / WEL) *Not applicable*

DNEC/PNEC data *Not applicable*

Eye / face protection Chemical splash goggles
Wear eye/face protection as recommended. All eye/face protection should comply with EN ISO 16321-1:2022.

Skin / hand protection Protective gloves (natural rubber, nitrile rubber, neoprene, or PVC; EN 374 standard). Long-sleeved clothing.

Respiratory protection Half-mask with filter
Keep self-contained breathing apparatus readily available for emergency use. Provide adequate ventilation. If ventilation is insufficient, suitable respiratory protection must be provided. Respiratory equipment: Reusable Air-Purifying Respirator (APR). Filter type: ABEK. Standard: EN 14387.

SECTION 9

Physical & chemical properties

Density (g/mL) 1.593 g/mL
DERIVED FROM: LITERATURE

Flash point 98 °C
DERIVED FROM: LITERATURE

Acidity Neutral
DERIVED FROM: LITERATURE

Appearance / physical state Solid
DERIVED FROM: LITERATURE

Colour Pale yellow
DERIVED FROM: LITERATURE

Odour Not known
DERIVED FROM: LITERATURE

Melting / freezing point 78-83 °C (172.4-181.4 °F)
DERIVED FROM: LITERATURE

Boiling point No information available
DERIVED FROM: LITERATURE

Solubility (water) Slightly soluble in water
DERIVED FROM: LITERATURE

pH No information available
DERIVED FROM: LITERATURE

Vapour pressure *No data available*

Partition coefficient (log Pow) *No data available*

Auto-ignition / decomposition temp *No data available*

SECTION 10

Stability & reactivity**Chemical stability / reactivity** Light sensitive**Conditions to avoid** Excess heat**Incompatible materials** None known**Hazardous decomposition products** See section 5

SECTION 11

Toxicological information**Acute toxicity (LD50 / LC50)** Oral: Category 4
Dermal: Category 4
Inhalation: Category 4**Skin corrosion / irritation** Category 2 (skin corrosion/irritation)**Eye corrosion / irritation** Causes serious eye damage**Respiratory / skin sensitisation** *No data available***Carcinogenicity** No data available (no known carcinogenic chemicals)**Mutagenicity** *No data available***Reproductive toxicity** *No data available***STOT (single / repeated exposure)** May cause respiratory irritation.**Aspiration hazard** Not applicable (solid)**Endocrine disruptors** No known or suspected endocrine disruptors

SECTION 12

Ecological information**Aquatic toxicity** Contains no substances hazardous to the environment or non-degradable in wastewater**Persistence & degradability** No information available**Bioaccumulative potential** No information available**Mobility in soil** No information available**PBT / vPvB assessment** No data available for assessment

SECTION 13

Disposal considerations**Waste treatment / disposal methods**

Hazardous waste; dispose per European Directives and local regulations. Contaminated packaging to hazardous waste collection. Dispose of in accordance with local/national regulations

SECTION 14

Transport information

UN number	UN2811
Proper shipping name	TOXIC SOLID, ORGANIC, N.O.S
Class	6.1
Packing group	III
Transport category	2
Tunnel code	(E)
Packing instruction (ADR)	P002
Packing instruction (IMDG)	P002
Environmental hazards	No hazards identified
Special precautions for user	No special precautions required



SECTION 15

Regulatory information

REACH code	Y110
UFI code	<i>Not applicable</i>
ECHA notification	<i>Not applicable</i>
Chemical safety assessment carried out?	No

SECTION 16

Other information

Revision notes / other information	First revision MSDS 11.09.2026
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