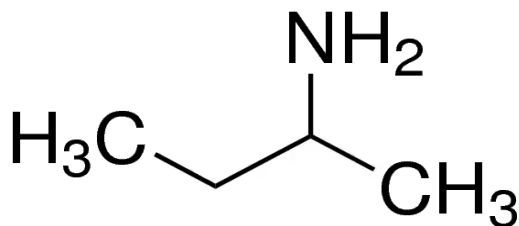

B2A, SEC-BUTYLAMINE



IUPAC NAME: butan-2-amine

CHEMICAL FORMULA: C₄H₁₁N, CCC(C)N

CAS NO: 13952-84-6

MOLECULAR WEIGHT: 73.14 g/mol

PACKING:

PRODUCT DESCRIPTION:

sec-Butylamine is a versatile organic compound known for its clear, colourless appearance and distinctive amine odor. It is a member of the family of secondary amines, characterized by a two-carbon alkyl chain branching off from the amino group.

PROPERTIES:


- Chemical Structure
- Solubility
- Reactivity
- Odor

APPLICATION AREAS:

- Agrochemicals
- Pharmaceuticals
- Rubber and Plastics
- Chemical Synthesis
- Dyes and Pigments
- Corrosion Inhibition
- Gas Treatment
- Polymer Industry
- Cleaning and Surfactants

CHEMICAL PROPERTIES	
PURITY	≥99.0
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (Pt-Co)	≤ 10
INHIBITOR	
PHYSICAL PROPERTIES	
APPEARANCE	Colourless
PHYSICAL STATE	liquid
ODOR	Ammoniacal
DENSITY	0.722 g/cm ³ at 20°C
BOILING POINT	62.5 °C
FREEZING POINT	-104 °C
FLASH POINT	-16°C
VAPOR PRESSURE	184 hPa at 20 °C
pKa	10.66

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	 <p>Xn N - Harmful, Dangerous for the environment.</p>
HAZARD STATEMENT(S)	<p>H225 Highly flammable liquid and vapor.</p> <p>H302 + H332 Harmful if swallowed or if inhaled.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H400 Very toxic to aquatic life.</p>
RISK PHRASES	<p>R 20/22 - Harmful by inhalation and if swallowed.</p> <p>R 35 - Causes severe burns.</p> <p>R 50 - Very toxic to aquatic organisms.</p>
SAFETY PHRASES	<p>S 02 - Keep out of the reach of children.</p> <p>S 09 - Keep the container in a well-ventilated place.</p> <p>S 16 - Keep away from sources of ignition - No Smoking.</p> <p>S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S 28 - After contact with skin, wash immediately with plenty of water.</p> <p>S 36/37/39 - Wear suitable clothing, gloves and eye/face protection.</p> <p>S 45 - In case of an accident or if you feel unwell seek medical advice immediately.</p> <p>S 61 - Avoid release to the environment. Refer to special instructions/safety data sheet.</p>
PRECAUTIONARY STATEMENT(S)	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p>

	<p>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
STORAGE CLASS	Storage class (TRGS 510): 3: Flammable liquids
STORAGE CONDITIONS	Keep the container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Light sensitive.
TRANSPORT INFORMATION	<p>UN number:</p> <ul style="list-style-type: none">• ADR/RID: 3286• IMDG: 3286• IATA: 3286 <p>UN proper shipping name:</p> <ul style="list-style-type: none">• ADR/RID: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (sec.-butylamine)• IMDG: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (sec.-butylamine)• IATA: Flammable liquid, toxic, corrosive, n.o.s. (sec.-butylamine) <p>Transport hazard class(es):</p> <ul style="list-style-type: none">• ADR/RID: 3 (6.1, 8)• IMDG: 3 (6.1, 8)• IATA: 3 (6.1) (8) <p>Packaging group:</p> <ul style="list-style-type: none">• ADR/RID: II• IMDG: II• IATA: II <p>Environmental hazards:</p> <ul style="list-style-type: none">• ADR/RID: no• IMDG Marine pollutant: no• IATA: no <p>Special precautions for user:</p> <p>Tunnel restriction code: (D/E)</p> <p>Further information: No data available</p>
For more information, check the SAFETY DATA SHEET or get contact with us.	