

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-M-57870
<b>Product Name</b>	4-Bromo-N,N-dimethylaniline
<b>CAS No.</b>	586-77-6
<b>Category</b>	Fine Chemicals
<b>Synonyms</b>	4-Bromo-N,N-Dimethylaniline
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

- Skin irritation (Category 2)
- Serious eye damage/eye irritation (Category 2)
- Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.
H312	Harmful in contact with skin.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

### Precautionary Statement(s)

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P317	Not available
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 4-Bromo-N,N-dimethylaniline

CAS Number : 586-77-6

Molecular Formula : C8H10BrN

Molecular Weight : 200.08

Parent Chemical : .

Synonyms : 4-Bromo-N,N-Dimethylaniline

Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

- General advice: Remove contaminated clothing and shoes. Seek medical attention if symptoms persist or develop.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Seek medical attention if irritation occurs.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.
- Ingestion: Rinse mouth. Do NOT induce vomiting unless directed by medical personnel. Seek medical attention.

##### 4.2 Most important symptoms and effects, both acute and delayed

- Not available.

##### 4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.
- No data available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

- Suitable extinguishing media: Use extinguishing measures appropriate to local circumstances and the surrounding environment (e.g., dry chemical, carbon dioxide, foam, water spray).
- Unsuitable extinguishing media: Not available.

##### 5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products: May include hydrogen bromide (HBr), bromine-containing compounds, carbon oxides, nitrogen oxides.
- Fire hazard: Not available.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray if exposed to fire.
- Prevent fire-fighting water from entering drains or watercourses.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/vapors/mist.
- Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

##### 6.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so.

- Avoid release to the environment. Prevent entry into drains, surface waters, and soil.

### 6.3 Methods and material for containment and cleaning up

- Contain spill. Collect spilled material using non-sparking tools.
- Absorb with inert material (e.g., sand, earth, vermiculite) and place in a suitable, labeled waste container.
- Clean contaminated area with suitable cleaning methods; avoid generating dust.

### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- See Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid breathing dust/vapors/mist.
- Avoid contact with skin, eyes, and clothing.
- Use only with adequate ventilation (e.g., fume hood).
- Keep away from sources of ignition if applicable; avoid generating dust.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Store in a tightly closed container in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatible materials: Strong oxidizing agents; acids (in general). Specific incompatibilities: Not available.

#### 7.3 Specific end use(s)

- Fine chemical / laboratory use. No data available.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

- Occupational exposure limits: Not available.
- Biological limit values: Not available.

#### 8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation or general ventilation to maintain exposure below applicable limits.

#### Personal protective equipment (PPE)

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (chemical-resistant). Select glove material based on permeation data if available.
- Body protection: Lab coat or protective clothing.
- Respiratory protection: If ventilation is inadequate, use an appropriate NIOSH/EN-approved respirator. Specific cartridge type: Not available.

#### Hygiene measures

- Wash hands after handling. Do not eat, drink, or smoke when using this product.
- Remove contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- No data available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- No data available.

#### 10.4 Conditions to avoid

- Heat, sparks, open flames. Other conditions: Not available.

#### 10.5 Incompatible materials

- Strong oxidizing agents; acids (in general). Additional incompatibilities: Not available.

#### 10.6 Hazardous decomposition products

- Hydrogen bromide (HBr), bromine-containing compounds, nitrogen oxides, carbon oxides. Additional decomposition products: Not available.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

#### Likely routes of exposure

- No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

### SECTION 12: Ecological information

#### SECTION 12: Ecological information

##### 12.1 Toxicity

- No data available.

##### 12.2 Persistence and degradability

- No data available.

##### 12.3 Bioaccumulative potential

- No data available.

#### 12.4 Mobility in soil

- No data available.

#### 12.5 Results of PBT and vPvB assessment

- Not available.

#### 12.6 Endocrine disrupting properties

- No data available.

#### 12.7 Other adverse effects

- No data available.

### SECTION 13: Disposal considerations

#### SECTION 13: Disposal considerations

##### 13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.
- Contaminated packaging: Dispose of as unused product or according to local requirements.
- Waste codes: Not available.

### SECTION 14: Transport information

#### SECTION 14: Transport information

- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.

#### Transport in bulk according to IMO instruments

- Not available.

### SECTION 15: Regulatory information

#### SECTION 15: Regulatory information

##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulatory listings (e.g., TSCA, REACH, DSL, EINECS/ELINCS, IECSC, ENCS, AICS): Not available.
- GHS classification: Not available.

##### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

#### SECTION 16: Other information

- Product name: 4-Bromo-N,N-dimethylaniline
- CAS No.: 586-77-6
- Catalog No.: CS-M-57870
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Revision information

- Not available.

#### Disclaimer

- The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. No warranty is expressed or implied.

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