

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

<b>Catalogue Number</b>	CS-O-53636
<b>Product Name</b>	1-Bromo-4-methylpentane
<b>CAS No.</b>	626-88-0
<b>Category</b>	Building Blocks
<b>Synonyms</b>	4-Methyl-1-bromopentane
<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:

Serious eye damage/eye irritation (Category 2)

Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H226	Not available
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

### Precautionary Statement(s)

Code	Statement
P210	Not available
P233	Not available
P240	Not available
P241	Not available
P242	Not available
P243	Not available
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P303+P361+P353	Not available
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present
P330	Not available
P337+P317	If eye irritation persists: Get medical help.
P370+P378	Not available
P403+P235	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 1-Bromo-4-methylpentane

CAS Number : 626-88-0

Molecular Formula : C6H13Br

Molecular Weight : 165.07

Parent Chemical : .

Synonyms : 4-Methyl-1-bromopentane

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 if you feel unwell.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with plenty of soap and water. Get medical attention if irritation develops or persists.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing. Seek medical attention if irritation persists.

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: Dry chemical, carbon dioxide, alcohol-resistant foam. Water spray may be used to cool containers.

Unsuitable extinguishing media: Not available.

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

May produce irritating and/or toxic fumes/gases upon combustion (e.g., hydrogen bromide and other halogenated decomposition products). No data available on specific decomposition products.

##### 5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Fight fire from a safe distance. Cool exposed containers with water spray. Prevent fire-fighting water from entering drains or waterways.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

Evacuate unnecessary personnel. Ensure adequate ventilation. Avoid breathing vapors/mist. Avoid contact with skin and eyes. Use appropriate personal protective equipment.

##### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Prevent entry into drains, sewers, or waterways.

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

Contain spill. Absorb with inert material (e.g., sand, earth, vermiculite). Collect in suitable, labeled containers for disposal. Clean spill area with appropriate solvent/detergent as permitted by local procedures. Dispose of contaminated materials in accordance with applicable regulations.

##### 6.4 Reference to other sections

See Section 8 for personal protective equipment and 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. Use only with adequate ventilation (e.g., fume hood). Avoid breathing vapors/mist. Avoid contact with skin, eyes, and clothing. Keep away from heat, sparks, open flames, and other ignition sources. Use non-sparking tools and grounded/bonded equipment where applicable.

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

Store in a cool, dry, well-ventilated place. Keep container tightly closed. Protect from heat and direct sunlight. Store away from incompatible materials.

Incompatible materials: Strong oxidizing agents; strong bases; strong reducing agents. No data available.

##### 7.3 Specific end use(s)

Building block / laboratory and industrial use. No further information 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 dilution ventilation to maintain airborne concentrations as low as practicable.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Chemical-resistant gloves; protective clothing as appropriate.
- Respiratory protection: If ventilation is inadequate or exposure is possible, use appropriate respiratory protection in accordance with applicable standards and risk assessment.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product. Remove contaminated clothing and wash before reuse.

Environmental exposure controls: Avoid release to the environment. Use appropriate containment.

### 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

Test	Result
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

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##### 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, and other ignition sources. Excessive heat. Incompatible materials.

#### 10.5 Incompatible materials

Strong oxidizing agents; strong bases; strong reducing agents. No data available.

#### 10.6 Hazardous decomposition products

May form hydrogen bromide and other irritating/toxic fumes upon thermal decomposition or combustion. No data 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

Not available.

##### 12.2 Persistence and degradability

Not available.

##### 12.3 Bioaccumulative potential

Not available.

##### 12.4 Mobility in soil

Not available.

##### 12.5 Results of PBT and vPvB assessment

Not available.

##### 12.6 Endocrine disrupting properties

Not available.

##### 12.7 Other adverse effects

Not 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 or the environment.

Waste classification: Not available.

Contaminated packaging: Dispose of as unused product. Empty containers may retain residues and can be hazardous.

### SECTION 14: Transport information

#### SECTION 14: Transport information

##### 14.1 UN number

Not available.

##### 14.2 UN proper shipping name

Not available.

##### 14.3 Transport hazard class(es)

Not available.

##### 14.4 Packing group

Not available.

##### 14.5 Environmental hazards

Not available.

##### 14.6 Special precautions for user

Not available.

##### 14.7 Maritime 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

Not available.

##### 15.2 Chemical safety assessment

Not available.

### SECTION 16: Other information

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Product name: 1-Bromo-4-methylpentane

Synonyms: 4-Methyl-1-bromopentane

CAS No.: 626-88-0

Catalog No.: CS-O-53636

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: Not available.

Disclaimer: The information provided is based on available product information and is intended for guidance in safe handling. It does not constitute a guarantee of specific properties. Users are responsible for compliance with applicable laws and regulations.

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