



## Section 1 - Chemical Product and Company Identification

**Product Name** 1-Bromodecane pure, 98%  
**Product Code** 78388  
**CAS No** 112-29-8  
**Use for** Laboratory Chemicals.  
**Company Name** Sisco Research Laboratories Pvt. Ltd.  
**Address** 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Andheri (E), Mumbai - 400 099, India

## Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
112-29-8	1-Bromodecane	98%	203-955-3

No components need to be disclosed according to the applicable regulations.

## Section 3 - Hazards Identification

### Risk advice to man and the environment

Toxic if swallowed. Very toxic in contact with skin. Irritating to eyes, respiratory system and skin.

## Section 4 - First Aid Measures

**Eyes:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Skin:** In case of contact, immediately wash skin with soap and copious amounts of water.

**Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

**Notes to Physician:**

## Section 5 - Fire Fighting Measures

### Extinguishing Media:

**Suitable:** Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Specific Hazard(s):** Emits toxic fumes under fire conditions.

### Special Protective

**Equipment For Firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## Section 6 - Accidental Release Measures

**Methods For Cleaning Up:** Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.



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## Section 7 - Handling and Storage

**Handling:** Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**Storage:** Room Temperature. Keep container closed.  
Store in a cool dry place.

## Section 8 - Exposure Control / Personal Protection

**Engineering Controls:** Safety shower and eye bath. Mechanical exhaust required.

**General Hygiene Measures:** Wash thoroughly after handling.

### Personal Protective Equipment

**Respiratory Protection:** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

**Hand Protection:** Protective gloves.

**Eye Protection:** Chemical safety goggles.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Specific Gravity/Density:** 1.068-1.070

**Molecular Formula:** C<sub>10</sub>H<sub>21</sub>Br

**Molecular Weight:** 221.18

## Section 10 - Stability and Reactivity

**Stability:** Stable

**Materials to Avoid:** Strong oxidizing agents, Strong bases.

### Hazardous Decomposition

**Products:** Carbon monoxide, Carbon dioxide, Hydrogen bromide gas.

**Hazardous Polymerization:** Will not occur

## Section 11 - Toxicological Information



[www.srlchem.com](http://www.srlchem.com)

**Product Code** 78388  
**Rtecs Number:** HD6850000  
**Acute Toxicity:** LD50 Intraperitoneal Mouse 4070 mg/kg  
LC50 Inhalation Mammal 4,200 mg/m3

## Signs And Symptoms

**Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## Route Of Exposure

**Skin Contact:** May cause skin irritation.

**Skin Absorption:** May be harmful if absorbed through the skin.

**Eye Contact:** May cause eye irritation.

**Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

**Ingestion:** May be harmful if swallowed.

## Section 12 - Ecological Information

No data available.

## Section 13 - Disposal Considerations

**Substance Disposal:** Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## Section 14 - Transport Information

	IATA	IMO	RID/ADR
<b>Shipping Name:</b>	decyl bromide		
<b>Hazard Class:</b>	9	9	9
<b>UN Number:</b>	3082	3082	3082
<b>Packing Group:</b>	III	III	III

## Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.