

# MSDS

Version 1.0

## Product and Company Identification

**Product Name:** Acetylated BSA  
**Cat #:** BSA-100  
**Product Use:** For Research Use Only. Not for use in diagnostic procedures  
**Company:** Molecular Cloning Laboratories (MCLAB)  
 320 Harbor Way  
 South San Francisco  
 CA 94080  
**Telephone:** 888-MCLAB-88  
 650-871-8771  
**Fax:** 650-871-8796

## Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

## Hazardous Ingredients Identification

### GHS - Classification

**Signal Word** not hazardous  
**Health Hazard** not hazardous  
**Physical Hazards** not hazardous

### Principle Routes of Exposure/ Potential Health effects

**Eyes** May cause eye irritation with susceptible persons.  
**Skin** May cause skin irritation in susceptible persons.  
**Inhalation** May be harmful by inhalation.  
**Ingestion** May be harmful if swallowed.

### Specific effects

**Carcinogenic effects** none  
**Mutagenic effects** none  
**Reproductive toxicity** none  
**Sensitization** none

**Target Organ Effects** No known effects under normal use conditions.

### HMIS

Health	0
Flammability	0
Reactivity	0

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## First Aid Measures

<b>Skin contact</b>	Rinse with plenty of water. If symptoms arise, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Inhalation</b>	Do not induce vomiting without medical advice. Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
<b>Notes to physician</b>	Treat symptomatically.

## Fire Fighting Measures

### Fire Extinguisher Type:

Carbon Dioxide, dry chemical powder or appropriate foam

### Fire/Explosion Hazards:

Slight Flammability. Material must be heated before ignition will occur.

### Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

## Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

## Handling and Storage

HANDLING	STORAGE
Always wear recommended Personal Protective Equipment.	Keep tightly closed
No special handling advice required	Store in cool, dry place

## Exposure Controls/Personal Protective Equipment

### Engineering Controls:

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment:

#### Eye Protection:

Safety goggles.

#### Hand Protection:

Compatible resistant gloves.

#### Respiratory Protection:

None required.

#### Hygiene Measure:

General practice, wash (hands and skin) thoroughly after handling. Remove and wash contaminated clothing.

## Physical and Chemical Properties

Physical State: Form: Liquid

Color: Clear or colorless

Property	Value	Temperature or Pressure
Boiling Point Range:	no data available	

Melting Point Range:		
Flash Point:	no data available	
Auto Ignition Temp:	no data available	
Vapor Pressure:	no data available	
Vapor Density:	no data available	
pH Range	6.8	
Solubility in Water:	Soluble	

## Stability and Reactivity

### Stability:

Stable normal conditions.

### Materials to Avoid:

No dangerous reaction known under conditions of normal use.

### Hazardous Decomposition products:

None under normal use

### Hazardous Polymerization:

Will not occur

## Toxicological Information

### Principle Routes of Exposure/Potential Health effects

<b>Eyes</b>	May cause eye irritation with susceptible persons.
<b>Skin</b>	May cause skin irritation in susceptible persons.
<b>Inhalation</b>	May be harmful by inhalation.
<b>Ingestion</b>	May be harmful if swallowed.

<b>Carcinogenic effects</b>	none
<b>Mutagenic effects</b>	none
<b>Reproductive toxicity</b>	none
<b>Sensitization</b>	none

<b>Target Organ Effects</b>	No known effects under normal use conditions.
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## Ecological Information

Data not available.

## Disposal considerations

Dispose of in accordance with local regulations.

## Transport Information

Substance considered non-hazardous for ground or air transport. No DOT shipping name required.

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## Regulatory Information

### U.S. Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### U.S. State Regulations

#### California Proposition 65

This product does not contain chemicals listed under Proposition 65

### WHMIS Hazard Class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

## Other Information

**Disclaimer:** This product intended for R&D and clinical diagnostic uses. Use of material must be supervised by technically qualified individual. This above information is believed to be correct but may not be all inclusive and shall be used as a reference guide only. Company shall not be held liable for any damage resulting from handling or contact with above product.