

MSDS

Version 1.0
Revision Date: 07/29/2025

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
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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

First Aid Measures

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

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.

Carcinogenic effects	none
Mutagenic effects	none
Reproductive toxicity	none
Sensitization	none

Target Organ Effects No known effects under normal use conditions.

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.

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.