

[SDS]

Albumin

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiag.com

Section 1 – Identification

Product Name	Albumin	Emergency Telephone No.
Catalog Numbers	A502-480	CHEMTREC (800) 424-9300
Product Type	Clinical Chemistry Reagent	International CHEMTREC (703) 527-3887
Company Name	Teco Diagnostics	Company Telephone No.
Street Address	1268 N. Lakeview Avenue	(800) 222-9880 or (714) 463-1111 Monday - Friday 8:00-5:00 PT
City, State, Zip Code, Country	Anaheim, CA 92807 USA	Fax No. (714) 463-1169
Recommended Use: For <i>in vitro</i> diagnostic use only. For professional use only.		
Restrictions on Use: Not for <i>in vivo</i> use.		

Section 2 – Hazard(s) Identification

Component	Classification of the substance or mixture
Albumin Reagent	This material is not classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Albumin Standard	This material is not classified as hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Component	Label elements
Albumin Reagent	Not a hazardous substance or mixture
Albumin Standard	Not a hazardous substance or mixture

Component	Hazards not otherwise classified (HNOC)
Albumin Reagent	None known
Albumin Standard	None known

Section 3 – Composition/Information on Ingredients

Component	Type	Chemical Concentration or % (Based on dried weight at time of impregnation)	CAS#
Albumin Reagent	Mixture	0.25mM Bromocresol Green Sodium Salt (BCG) 1% w/w Brij-L23 Solution	62625-32-5 9002-92-0
Albumin Standard	Mixture	5 g/dL Bovine Albumin Fraction V	N/A

Section 4 – First Aid Measures

Ingestion	Never give anything by mouth to an unconscious person. If victim is conscious and alert, rinse mouth with water. Seek medical attention.
Inhalation	Move person into fresh air. If not breathing, give artificial respiration and seek medical attention.
Skin Contact	Wash off immediately with soap and plenty of water. Remove contaminated clothing. Wash clothing before reuse. Get medical attention if irritation occurs.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present. Get medical attention if irritation occurs.

Section 5 - Fire-fighting Measures

Extinguishing Media	Suitable: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Unsuitable: No information available.
Specific Hazards	Hazardous combustion products: Carbon oxides, Sulfur oxides, Hydrogen Bromide Gas
Special protective equipment and precautions for fire-fighters	Wear self-contained breathing apparatus and appropriate protective clothing for firefighting.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear proper personal protective equipment (PPE) as indicated in section 8. Exercise appropriate precautions to avoid contact with skin or eyes and prevent inhalation.
Environmental precautions	Refer to section 12 for Ecological Information.
Methods and materials for containment and cleaning up	For containment, prevent further leakage or spillage if safe to do so. Vacuum or sweep material and place into a suitable waste container. Dispose of in accordance with federal, state and local regulations.

Document	QL801-003
Revision	B
Prepared by	Payal Maheshwari
Approved by	Jenifer Ohta
Issue date	07/21/2016

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Section 7 – Handling and Storage

Handling	Wear appropriate personal protective equipment (PPE) as indicated in section 8. Avoid contact with eyes, skin, and clothing. Avoid inhalation or ingestion.
Storage	Store reagent at 15-30 ^o C and standard at 2-8 ^o C according to the label instructions. Keep containers tightly closed when not in use.

Section 8 – Exposure Controls / Personal Protection

Components with workplace control parameters:

The product contains no component with occupational exposure limit values.

Engineer Controls:

No special ventilation requirements. Good general ventilation is sufficient.

Personal Protective Equipment

Respiratory Protection	Respiratory protection is not required.
Hand Protection	Wear chemical-resistant, impervious gloves
Eye Protection	Safety glasses with side shields recommended.
Protective Clothing	Wear a lab coat.
Other protective equipment	Ensure the eyewash station and/or safety shower/wash is located near the work area.

General Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. After handling, remove gloves using proper glove removal technique (without touching outer surface of glove), and dispose gloves according to applicable laws and good laboratory practices. Wash hands thoroughly. Also wash hands before eating, smoking, using the lavatory, and at end of the work shift.

Section 9 – Physical and Chemical Properties

Appearance	Albumin Reagent: Clear, yellow-green solution Albumin Standard: liquid
Odor	No information available
Odor threshold	No information available.
pH	No information available
Melting point / freezing point	No information available.
Initial boiling point and boiling range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability	Not flammable
Upper/lower flammability or explosion limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	No information available.
Solubility	Soluble
Partition coefficient: n-octanol/water	No information available.
Auto-ignition Temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.

Section 10 – Stability and Reactivity

Reactivity	Reacts with serum. No dangerous reaction known under conditions of normal use.
Chemical stability	Stable under recommended storage conditions as indicated in section 7.
Possibility of hazardous reactions	No information available
Conditions to avoid	Avoid high temperature
Incompatible materials	No information available
Hazardous decomposition products	No information available

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Section 11- Toxicological Information

Route of Entry/Exposure	Skin contact, eye contact, inhalation, ingestion
Effects of acute exposure	
Skin contact	May cause irritation
Eye contact	May cause irritation
Inhalation	May cause irritation to mucous membranes and upper respiratory tract
Ingestion	May be harmful if ingested
Effects of chronic exposure	No information available

Toxicity:

Component	Chemical	Acute Toxicity	Chronic Toxicity	Other Information
N/A	N/A	N/A	N/A	N/A

Carcinogenicity

IARC	No component present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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

Section 12 – Ecological Information

Ecotoxicity	No information available
Persistence and degradability	No information available
Bio-accumulative potential	No information available
Mobility in soil	No information available
Water hazard class	No information available
Other adverse effects	No information available

Section 13 – Disposal Considerations

Waste residues and methods of disposal	This product has to be disposed in accordance with applicable regional, national and local laws and regulations. Surplus and non-recyclable components should be taken to a licensed waste disposal contractor for disposal.
Contaminated Packaging	Waste packaging should be recycled; however, since empty containers may retain some product residues, they should be taken to an approved waste handling site or given to a licensed waste disposal contractor for recycling or disposal, if recycling is not possible.

Section 14 – Transport Information

UN Number	None. Not regulated.
UN Proper shipping name	None. Not regulated.
Transport hazard class	Not classified as hazardous. Not regulated.
Packing group	Not applicable
Environmental hazard	No information available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
DOT (USA)	Not dangerous goods. Non-hazardous for transport.
IMDG	Not dangerous goods. Non-hazardous for maritime transport.
IATA	Not dangerous goods. Non-hazardous for air transport.
Special precautions	None



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Section 15 – Regulatory Information

United States Regulations

HCS Classification:	Not regulated
U.S Federal Regulations:	
TSCA 8(a) CDR Exempt/Partial exemption: Not determined	
United States inventory TSCA 8(b): Not determined	
SARA 302: No components are subject to the reporting requirements of SARA Title III, section 302	
SARA 304 Extremely Hazardous Substances Reportable Quantity: The product does not contain any components with a section 304 EHS RQ.	
SARA 311/312 Hazards Identification: Not regulated	
Clean Water Act (CWA) 307: This product does not contain any toxic pollutants listed under the U.S. Clean Water Act section 307.	
Clean Water Act (CWA) 311: This product does not contain any hazardous substances listed under the U.S. Clean Water Act section 311.	
Clean Air Act (CAA) 112 accidental release prevention: No products were found	

California Prop. 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
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International Regulations

Canada WHMIS: Exempt

Section 16 – Other Information

This product is labeled in accordance with 21CFR (Food and Drugs), Section 809.10.
The information contained herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranties, express or implied, and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.
N/A = Not Applicable or Not Available
Date of SDS Preparation: 07/21/2016