


MATERIAL SAFETY DATA SHEET

(513) 860-4949

MSDS No.: AA0095
Effective Date: January 1, 2007

SECTION I		NAME	24 HOUR EMERGENCY ASSISTANCE																	
Product	Albumin (Egg)		 <p>CHEMTREC 800-424-9300 Day 585-226-6177</p> <p>NFPA</p> <p>HAZARD RATING</p> <table border="1"> <tr> <td>MINIMAL</td> <td>SLIGHT</td> <td>MODERATE</td> <td>SERIOUS</td> <td>SEVERE</td> </tr> <tr> <td>0</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> </table> <p>HMIS *</p> <table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	MINIMAL	SLIGHT	MODERATE	SERIOUS	SEVERE	0	1	2	3	4	Health	0	Fire	1	Reactivity	0	
MINIMAL	SLIGHT	MODERATE		SERIOUS	SEVERE															
0	1	2		3	4															
Health	0																			
Fire	1																			
Reactivity	0																			
Chemical Synonyms	C Valbumin																			
Formula	Natural Product.																			
Unit Size	up to 2.5 Kg.																			
C.A.S. No.	9006-50-2																			

SECTION II INGREDIENTS OF MIXTURES		
Principal Component(s)	%	TLV Units
Albumin (Egg)	100%	None established.
LOW HAZARD FOR USUAL LABORATORY HANDLING.		

SECTION III PHYSICAL DATA			
Melting Point (°F)	On heating decomposes.	Specific Gravity (H ₂ O = 1)	1.035 at 20°C
Boiling Point (°F)	On heating decomposes.	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	Negligible as solid.	Evaporation Rate (n-Butyl acetate = 1)	N/A
Vapor Density (Air=1)	Data not listed.		
Solubility in Water	Insoluble. Forms emulsion with water.		
Appearance & Odor	Pale yellow powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA				
Flash Point (Method Used)	Non-flammable.	Flammable Limits in Air % by Volume	N/A	
Extinguisher Media	Carbon dioxide; dry chemical; water spray.			

SPECIAL FIREFIGHTING PROCEDURES
In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Slight fire hazard when exposed to heat or flame; may produce hazardous decomposition products; can react vigorously with oxidizing materials.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

SECTION V HEALTH HAZARD DATA	
Threshold Limited Value	None established. ACGIH 2001.

Effects of Overexposure
Low hazard in normal handling. Contact may cause transient irritation. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.

Emergency and First Aid Procedures
<p>INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.</p>

SECTION VI REACTIVITY DATA					
Stability	<table border="1"> <tr> <td>Unstable</td> <td></td> </tr> <tr> <td>Stable</td> <td>X</td> </tr> </table>	Unstable		Stable	X
Unstable					
Stable	X				
Conditions to Avoid	Excessive temperature and heat.				

Incompatibility (Materials to Avoid)
Strong oxidizers.

Hazardous Decomposition Products
Thermal decomposition or burning may produce carbon oxides, nitrogen oxides, sulfur oxides and potassium oxides.

Hazardous Polymerization	Conditions to Avoid				
<table border="1"> <tr> <td>May Occur</td> <td>Will Not Occur</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>	May Occur	Will Not Occur		X	Not applicable.
May Occur	Will Not Occur				
	X				

SECTION VII SPILL OR LEAK PROCEDURES	
Steps to be taken in case material is released or spilled	Recover for use if not contaminated. Sweep up material onto paper. Place in proper container for disposal. Wash spill area with a soap and water solution.

Waste Disposal Method
Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.
Dispose of in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION	
Respiration Protection (Specify Type)	Good ventilation should be sufficient. None needed in normal laboratory handling. If dusty conditions prevail, use ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

Ventilation	Local Exhaust	Recommended.	Special	No.
	Mechanical (General)	If dusty.	Other	No.

Protective Gloves	Eye Protection
Not needed.	Chemical safety glasses.

SECTION IX SPECIAL PRECAUTIONS	
Other Protective Equipment	Safety glasses, lab coat, fire extinguisher, eye wash station, ventilation hood.

Precautions to be Taken in Handling & Storing
Store in a cool, dry place away from oxidizing materials.

Other Precautions
Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Refrigeration is not needed. Wash thoroughly after handling. Remove and wash contaminated clothing.

Revision No. 9	Date 01/01/07	Approved James A. Bertsch	Chemical Safety Coordinator JAB
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