

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard.
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As used on Label and List)**AMMONIUM CASEINATE**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section 1

Manufacturer's Name: AMERICAN CASEIN COMPANY	Emergency Telephone Number: 609-387-3131
Address (Number, St. City, State, and Zip Code): 109 ELBOW LANE	Telephone Number for Information: 609-387-3130 EMAIL: sales@109elbow.com
BURLINGTON	Date Prepared: April 15, 2013
NEW JERSEY 08016-4123 USA	Signature of Preparer (optional):

Section 11 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
None, milk protein	N/A	N/A	None	
CAS#9005-42-9				

Section 11 - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.28
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water: Colloidally dispersible			
Appearance and Odor: Cream color, granular powder, slight cheesy odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 550°F	Flammable Limits: N/A	LEL	UEL
Extinguishing Media: Water, CO ₂ , dry chemicals			
Special Fire Fighting Procedures: At high temperatures (+750°) in a building fire, there will be considerable smoke before and after combustion in which case smoke inhalation protection should be used.			
Unusual Fire and Explosion Hazards: At high temperatures (+750°) in a building fire, there will be considerable smoke before and after combustion in which case smoke inhalation protection should be used.			

Section V – Reactivity Data			AMMONIUM CASEINATE
Stability	Unstable		Conditions to Avoid:
	Stable	X	Practices which produce dust
Incompatibility (Materials to Avoid):		None	
Hazardous Decomposition or Byproducts:		None	
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	None
Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
		Eyes:	Dust can be mildly irritating
Health Hazards (Acute and Chronic):		Skin:	N/A
		Inhalation:	N/A
		Ingestion:	N/A
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	None	None	NO
Signs and Symptoms of Exposure:		None	
Medical Conditions Generally Aggravated by Exposure:		None	
Emergency and First Aid Procedures:		Unlikely to be necessary. Flush eyes with water and wash skin with soap and water.	
Section VII – Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled: Scoop up powder into suitable container			
Waste Disposal Method: As a food product and in accordance with local, state and federal regulations covering solid waste disposal.			
Precautions to be Taken in Handling and Storing: Avoid overexposure to excessive dust particles.			
Other Precautions: Store away from heat and water sources.			
Section VIII – Control Measures			
Respiratory Protection (Specify Type): Dust respirator 3M Part no: 8800 or other NIOSH approved version.			
Ventilation	Local Exhaust: Desirable when dumping bags	Special: None	
	Mechanical (General): As above	Other: None	
Protective Gloves: In accordance with current GMP standards		Eye Protection: Goggles may be used when dumping bags	
Other Protective Clothing or Equipment: In accordance with current GMP standards			
Work/Hygienic Practices: In accordance with current GMP standards			