



AG-90 PROTEIN GLUE

February 14, 2019

***SAFETY DATA SHEET ***

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1. PRODUCT & COMPANY IDENTIFICATION

Product Name: AG-90 Gelatin glue – CAS # 9000-70-8
Product Type: Protein Glue, Cake Glue, Animal Glue
Company Address:
The Gluefast Company, Inc.
3535 Route 66, Bldg. #1
Neptune, NJ 07753 USA
Phone 732-918-4600

2. HAZARDS IDENTIFICATION

Physical state: Gelled cake format
Color: Amber
Odor: Typical protein odor

HEALTH: 1
FLAMMABILITY: 0
PHYSICAL HAZARD:
Personal Protection: B (EYE Goggles & Gloves)

CAUTION: MILD SKIN, EYE, AND UPPER RESPIRATORY TRACT IRRITANT. OSHA AND ACGIH EXPOSURE LIMITS NOT ESTABLISHED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Vapors may cause eye and respiratory irritation.
Skin Contact: Liquid may cause skin irritation. There have been some reports of slight skin irritation, primarily in the colder months.
Eye Contact: Liquid may cause eye irritation. Vapors may cause eye irritation.
Ingestion: Small ingested amounts are not believed to produce adverse health effects. No adverse health effects are anticipated. Contact physician.

Existing conditions aggravated by Exposure: No medical conditions are known to be aggravated by exposure.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Dibasic Esters	53-60-5	2.7%

OSHA and ACGIH exposure limits not established.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Get immediate medical attention



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Skin contact: Wash skin with water and soap
Eye contact: If splashed in eye, flush with copious quantities of water and seek medical advice.
Ingestion: Larger amounts (at least several ounces) should be removed from the stomach by induced vomiting or aspiration.

5. FIRE FIGHTING MEASURES

Flash point: Not applicable
Auto ignition temperature: Unknown
Flammable/Explosive limits - lower: Not applicable
Flammable/Explosive limits – upper: Not applicable
Extinguishing media: For dry film use water, CO₂, or ABC dry chemical.
Special firefighting procedures: When dried film burns, water (H₂O), carbon dioxide (CO₂), carbon monoxide (CO) and smoke are produced. Pyrolysis products may include some hazardous materials.
Unusual fire or explosion hazards: No unusual fire or explosion hazards.
Hazardous combustion products: NONE HAZARDOUS – contains no known hazardous ingredients as defined by the Federal Hazardous Substances Act or by the Dept. of Transportation under CFR Title 49.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions Disposal of water/adhesive in accordance with federal, state and local regulations. Most states prohibit disposal of liquids in landfills.

Clean-up methods: Contain spill. Recover as much as possible for reuse. Absorb remaining spill with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water. Do not flush liquid material into public sewer or water system.
Spilled material is very slippery. Use care to avoid falls. Dried film should be thoroughly cleaned. If spilled in an enclosed area, ventilate. Change contaminated clothing and launder before reuse. Wear proper personal protective clothing and equipment.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Gloves recommended. Wear proper personal protecting clothing and equipment.
Storage: Store indoors; does not freeze. Product has good freeze-thaw stability, however it should be stored above 50 degrees Fahrenheit. Shelf life is 12 months



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
NONE				

Engineering controls:

Effective exhaust ventilation should always be provided to draw mists, fumes and vapors away from workers to prevent routing inhalation.

Respiratory protection:

None required except if product is being sprayed where a NIOSH approved mask is recommended.

Eyeface protection:

Safety goggles

Skin protection:

Gloves recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Typical gelled cake format
Color:	Amber
Odor:	Typical protein odor
Odor threshold:	N/A
Ph:	N/A
Vapor Pressure:	N/A
Boiling Point/range:	>212F
Melting Point/range:	Water
Specific gravity:	1.28-1.32
Vapor density:	N/A
Flash Point:	Not applicable
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits – upper:	Not applicable
Autoignition temperature:	Unknown
Evaporation rate:	Water
Solubility in water:	100% Soluble
Partition coefficient (n-octanol/water)	Not applicable
VOC content:	Water



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10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products	Carbon monoxide, carbon dioxide & oxides of nitrogen.
Incompatible materials:	
Conditions to avoid:	Materials that react with water & strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTB Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
NONE	NONE	NONE	NONE
Hazardous components		Health Effects/ Target Organs	
NONE		NONE	

12. ECOLOGICAL INFORMATION

Ecological information: N/A

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Disposal of water/adhesive in accordance with federal, state and local regulations. Most states prohibit disposal of liquids in landfills.

Hazardous waste number: N/A

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: AG90
 Hazard class or division: None
 Identification number: None
 Packing group: 52-62lb boxes

Product is not regulated, non hazardous and not restricted for transport by air or water.



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INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

Proper shipping name: AG90
Hazard class or division: None
Identification number: None
Packing group: 52-62lb boxes

Product is not regulated, non hazardous and not restricted for transport by air.

WATER TRANSPORTATION (IMO/MDG)

Proper shipping name: AG90
Hazard class or division: None
Identification number: None
Packing group: 52-62lb boxes

Product is not regulated, non hazardous and not restricted for transport by air or water.

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None above reporting de minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: None
CERCLA/SARA 313: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class: Not controlled

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections:
New Safety Data Sheet format.

Revision Date: May 27, 2015