

Source Material Statement

049000 EVO-100™ USP-NF/FCC Propylene Glycol (Excipient/Food Use Only)

049020 Biobased Propylene Glycol, Industrial Grade

051000 USP-NF Glycerin – Excipient/Food Use Only

Archer Daniels Midland Company (ADM) produces its USP-NF Glycerin through a multi-step refining process of crude glycerin derived from any combination of the listed refined oils:

- Canola Oil (source: *Brassica napus*, *Brassica campestris*, and/or *Brassica juncea*)
- Corn Oil (source: *Zea mays*)
- Cottonseed Oil (source: *Gossypium hirsutum* and *Gossypium herbaceum*)
- Soybean Oil (source: *Glycerine max*)
- Coconut Oil (source: *Cocos nucifera*)
- Refined Glycerin will not be sourced nor derived from palm oil and therefore will not contain palm oil.

Refined oils are sourced from US and Canada.

There are no enzymes used to manufacture the products listed.

There are no additives used to manufacture the products listed.

There are no microorganisms used in the manufacture of the products listed.

All processing aids are chemical sourced and not animal, microbial, or plant sourced.

Further processing will convert the Refined Glycerin to Propylene Glycol products.

If you have any questions, please do not hesitate to contact ADM Technical Services.

Bioengineered Statement

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049020 Biobased Propylene Glycol Industrial Grade

051000 USP-NF Glycerin – Excipient/Food Use Only

Archer Daniels Midland Company (ADM) produces the products listed above from vegetable oils obtained from various commodity oilseed crops. The oilseeds may or may not be derived from bioengineered crops. The refined glycerin produced in the Decatur, Illinois, USA facility has been purified through a multi-step process that will remove protein, DNA, and other impurities.

These products have been tested for the presence of recombinant DNA using standard PCR analysis. As of the date of this statement, analytical tests have indicated negative and no presence, with a 0.01% limit of detection, for the CaMV 35S promotor and NOS terminators.

EU Specific

ADM only purchases oilseed crops that are EU approved varieties according to EU Directive 2001/18.

As the ADM oilseed commodity crops may or may not be GMO, and ADM does not segregate based on status, the above products must be labelled as being produced by GMO according to EU Regulations 1829/2003 and 1830/2003.

If you have any questions, please do not hesitate to contact ADM Technical Services.

Food Safety Plan and Risk Assessment Summary

051000 USP-NF Glycerin – Excipient/Food Use Only

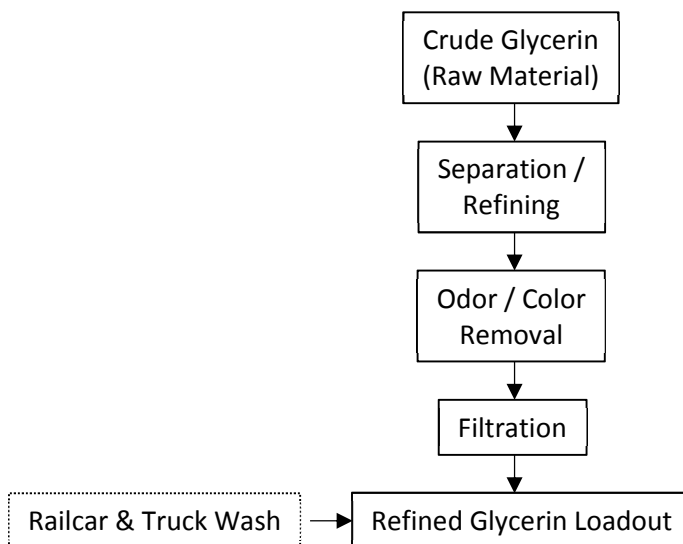
A cross functional team of ADM employees known as the *Food Safety Team* manage the Food Safety Plan for Glycerin manufacturing. The Food Safety Plan includes a detailed hazard analysis to ensure accuracy and adequacy.

Preventative Controls

No critical control points or Preventative Controls (Process, Allergen, Sanitation, nor Supply Chain) have been identified within the production process of our Glycerin products including USP-NF Glycerin -- Excipient/Food Use Only. The Food Safety Team analyses the process steps from raw material receipt to finished product loadout.

Risk Assessment Summary

Glycerin products are processed and handled under conditions that remove natural impurities and possible contaminants. Glycerin products represent a low biological, chemical, or physical risks that can cause a food to be unsafe for human consumption. A simplified process flow diagram showing the major processing steps for glycerin is shown below.



If you have any questions, please do not hesitate to contact ADM Technical Services.

Process Change Notification Statement

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051000 USP-NF Glycerin – Excipient/Food Use Only

Archer Daniels Midland Company (ADM) has a change control policy that requires customer notification when a change affects the product's physical or chemical properties, or a change impacts finished product performance for the products listed above. Due to the mature nature of our manufacturing processes, it is rare that a process change is significant enough to cause a change in product specifications. Please be certain the contact information on file with your ADM representative is accurate, and up to date in the event such a change does occur and notifications need to be sent.

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Parabens and Other Compounds Statement

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051000 USP-NF Glycerin – Excipient/Food Use Only

The ADM products listed above are produced following the U.S. Food and Drug Administration current Good Manufacturing Practice guidelines. For the listed products, the following are not knowingly introduced during production, storage, or shipment:

- Parabens: defined as the methyl, ethyl, propyl, butyl (or constitutional isomer thereof) ester of p-hydroxybenzoic acid.
- Sulfates: defined by the chemical structure ROS(O₂)OM where R=alkyl, vinyl, or aryl group and M=any element except for carbon, and the sulfate has the primary function of a surfactant
- Phthalates: defined as any chemical with an official IUPAC name or accepted common name as defined by Chemical Abstract Services (CAS) or Merck Index containing the word “phthalate”
- Dye: defined as an organic molecule that is recognized by the FDA as a coloring agent and has an assigned FD&C or D&C number. Inorganic pigments that have a FD&C or D&C numbers are not considered dyes.
- (Iso)paraffin, mineral oil, and petrolatum: defined as chemicals that are described by such in their INCI name.
- Perfluorinated Compounds (PFCs): a group of chemicals commonly referred to as perfluoroalkyl substances and includes Perfluorooctanoic Acid and perfluorooctanesulfonic acid used in the manufacturing of paper, insecticides, electronics, stain repellants, paints, and fire-fighting foams
- 1,4 Dioxane: is a trace contaminant in some cosmetics products which is formed during the manufacturing of certain ingredients. ADM would not expect this material to be present in our products, and monitors its products with an LOD of 5ppm - 1,4 dioxane is not detected.

If you have any questions, please do not hesitate to contact ADM Technical Services.

Quality Program Statement

Archer Daniels Midland Company's produced propylene glycols and glycerin products accordance with with 21 CFR § 117, current Good Manufacturing Practices. Our quality program has been audited and has maintained FSSC 22000 certification since 2014. Our quality program includes requirements, procedures, and guidelines for the following programs:

Allergen Control	Laboratory Technician Training
Auditing Procedure	Management of Change
Calibration Procedures	Master Manufacturing Plan
CAPA Program	Out of Specification (OOS) Results Handling
cGMP Requirements	Outsourced Services
Chemical Control Program	Personnel Training
Cleaning Procedures	Pest Control
Complaint Procedure	Pre-requisite Programs
Control of Glass, Brittles, and Plastics Program	Preventative Maintenance
Document Control Program	Product Withdrawal and Recall
Food Safety Plan / HACCP	Recording of Sample Data
In-Process Controls	Records Retention
Incoming Goods Requirements	Retain Samples
Inspection & Release of Finished Goods	Significant Change Policy
Internal Auditing: Food Safety & Program Verification	Site Security
Isolation & Handling of Rejected Materials	Specification and Requirements Review
Issuance of Certificate of Analysis	Supplier Management
Issuance of Product Specifications	Traceability Management & Mock Recall
Food Defense	

If you have any questions, please do not hesitate to contact ADM Technical Services.



Archer Daniels Midland Company
Corn Business Unit

ADM Technical Services | 4666 Faries Parkway, Decatur IL 62526
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Sewage Sludge Contamination Statement

The ADM products listed in the tables below are free of sewage sludge contamination.

Food and Industrial Grade Products

Acidulants-Citric Acid, Potassium and Sodium Citrate	Maltodextrin (Clintose®)
Alcohol-Beverage, Fuel and Industrial Grade	Monk Fruit (VerySweet™)
Allulose (JustSweet™)	Polyols-Liquid, Dry and Non-Crystallizing
Corn Starch-Food and Industrial Grade	Propylene Glycol (EVO-100™)
Corn Syrup-Liquid and Solids	Resistant Maltodextrins (Fibersol®)
Crystalline Dextrose (Clintose®)	Stevia (SweetRight™)
Crystalline Fructose (CornSweet®)	Sucralose (VivaSweet™)
Erythritol	Sucrose*-Dry, Liquid and Invert
Glycerin	Sweetener Blends
High Fructose Corn Syrups (CornSweet®)	Xanthan Gum (NovaXan® and OptiXan™)

*Sourced from sugarcane and sugar beets

Feed Products

CitriStim®	Golden Synergy™
Corn Germ Meal	Liquid Gold™
Corn Gluten Feed	Liquid Lysine
Corn Gluten Meal	L-Lysine HCl
DHA Natur™	L-Threonine
Distiller's Corn Oil	Wet/Modified Wet Distiller's Grains
Distiller's Dried Grains with Solubles	PROPLEX® DY and T
Golden Gluten™	PRO DY™

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*Sourced from sugarcane and sugar beets

Feed Products

CitriStim®	Golden Synergy™
Corn Germ Meal	Liquid Gold™
Corn Gluten Feed	Liquid Lysine
Corn Gluten Meal	L-Lysine HCl
DHA Natur™	L-Threonine
Distiller's Corn Oil	Wet/Modified Wet Distiller's Grains
Distiller's Dried Grains with Solubles	PROPLEX® DY and T
Golden Gluten™	PRO DY™

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