

## PHARMACEUTICAL INGREDIENTS



## High Quality – from Source to Final Product

Plant-based excipients are particularly fast-growing area, they are costeffective, bio-compatible, have low-toxicity and are easily available.

We know that the health of our natural resources is critical to our future, and that our commitment to sustainable practices will result in a stronger ADM and a better world. ADM is committed to meeting its environmental obligations, while pursuing ways to continually improve our efforts in both protecting the environment and enhancing environmental sustainability.

# Extensive range of pharmaceutical ingredients suitable for injectable, oral and topical formulations

ADM's purpose is to unlock the power of nature, to enrich the quality of life. We transform natural products into a complete portfolio of ingredients for the pharmaceutical industry, suitable for any dosage forms (tablets, soft gel capsules, liquids etc.).

Our innovation and expertise are helping people live healthier lives.

High-quality raw materials from excipients to APIs

Compliant with EP & USP requirements

Global Sourcing Management from farmer to pharmaceutical ingredients



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## Pharmaceutical Ingredients Portfolio

PharmaEdge Product Range Fully documented product range supported with DMF and/or CEP. Produced according to cGMP												
Product Category	Product name	Application				Compliance						
		Parenteral Nutrition	Injectable	Oral	Topical	EP	USP/ NF	Product Description	Regulatory			
Oils	Refined Soybean Oil IV	V	V	V	V	V	V	API for parenteral nutrition Excipient for human and veterinary applications	CEP: R1 CEP 2011-115 Rev01  DMF Type II: # 035 560  DMF Type IV: # 028 528			
	Refined Olive Oil IV	V	V	V	V	V	V	API for parenteral nutrition Excipient for human and veterinary applications	CEP: R1 CEP 2015-167 Rev00 DMF Type II: # 035 559 DMF Type IV: # 034 152			
	Refined Sesame Oil IV-1		V	V	V	V	V	Excipient for human and veterinary applications	DMF Type IV : # 031 697			
Purified Glycerol	Purified Glycerol, PharmaEdge	V	V	V	V	V	V	Excipient for human and veterinary applications	Product in development and not available for sale at the moment			
Vitamin E	Novatol 1490 PH (D-Alpha-Tocopherol)			V	V	V		Excipient for human and veterinary applications	CEP: R0-CEP 2016-184-Rev 00			



## Pharmaceutical Ingredients Portfolio

PharmaPlus Product Range Excipients compliant with EP and USP monograph specifications for human and veterinary applications									
Product Category	Product name	Appli	cations	Compliance with monograph specifications					
rioduct category	Froduct Hame	Oral	Topical	EP	USP/NF				
	Refined Olive Oil, PharmaPlus	V	<b>V</b>	~	V				
	Refined Sesame Oil Pharma	~	V	~	~				
	Refined Rapeseed Oil Pharma	~	<b>✓</b>	~	~				
Oils	Refined Sunflower Oil Pharma	~	V	~	~				
	Refined Soybean Oil Pharma	~	<b>✓</b>	~	~				
	VGB 4S (Fully Hydrogenated Soybean Oil)	~	V	~	~				
	Shortening 36 (Partially Hydrogenated Soybean Oil)	~	<b>✓</b>	<b>✓</b>	~				
	Dextrose Monohydrate 200 & 300	<b>✓</b>	~	~	~				
Caubabuduataa	Crystallin Fructose C&M	~	<b>✓</b>	~	~				
Carbohydrates	Maize Starch	<b>✓</b>	V	~	~				
	Wheat Starch	~	~	~	~				
	Glycerol EP	<b>~</b>	V	~					
Glycerol & Propylene Glycol	EVO-100 USP-NF/FCC Propylene Glycol	~	<b>~</b>		V				
.,,	USP-NF Glycerin	~	V		~				
Ethanol	Bio-Ethanol	~	<b>V</b>		V				



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#### **ADM'S GLOBAL FOOTPRINT**

Our global footprint combines with local insights to give us capabilities few other companies have –ensuring that we get the very best ingredients from around the globe to our customers, wherever they may be.

#### **QUALITY IS OUR TOP PRIORITY**

Our products come from carefully selected materials. They are manufactured under strict quality assurance conditions according to GMP, ISO 9001:2015 standards and HACCP methods.



#### ADM DELIVERS FOR YOU

ADM is a global leader in human and animal nutrition and the world's premier agricultural origination and processing company. We offer an extensive range of pharmaceutical excipients, derived from vegetable sustainable origins that meet highest quality standards. We make delivering compliance and consistency a reality, giving you an edge to innovate with confidence.

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