

# PRODUCT SPECIFICATION – FEED INGREDIENTS

## MONOPROPYLENE GLYCOL FEED



### 1. PRODUCT IDENTIFICATION

Supplier product name	MONOPROPYLENE GLYCOL FEED		
Supplier product number	F0079	Date of issue: 03/07/2024	Expiration date: 03/07/2026
Origin	Chemical synthesis		
Manufacturer	-		
Country	Belgium		
Certification manufacturer:	ISO 9001		

#### 1.1 Composition

Single ingredient	
Chemical name	1,2-Propanediol
Chemical formula	CH <sub>3</sub> -CHOH-CH <sub>2</sub> OH
Molecular weight	76,09

#### 1.2 Legislative information

CAS-N°	57-55-6
INTRASTAT CODE	2905320000
EINECS	200-338-0
Legal declaration	13.029(GMP+), 13.11.1(68(2013))

### 2. PRODUCT INFORMATION

	Unit	Specification	Method
<b>2.1 Physical and Chemical properties</b>			
Appearance		Clear, viscous liquid	
Colour		Colourless	
Odour/taste		Odourless	
Assay	%	min. 99,8	On dry product, E 1520
Density (25°C)	kg/l	1,035 – 1,037	E 1520
Colour	Pt-Co	max. 10	APHA
Refraction index (25°C)		1,430 – 1,432	
Flash point	°C	99	OC
Boiling range	IBP °C	min. 186	IBP

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DP	°C	max. 189	DP
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### 2.2 Microbiological data

MONOPROPYLENE GLYCOL is not tested routinely by manufacturer for microbiological activity. Occasional testing by manufacturer of MONOPROPYLENE GLYCOL has indicated that, in high concentrations, it does not support microbial growth.

### 2.3 Contaminants

#### 2.3.1 Chemical contaminants

Water	%	max. 0,2	E 1520
Sulfate	%	max. 0,002	
Heavy metals (as Pb)	ppm	max. 5	
Chlorides (as Cl)	ppm	max. 1	
Arsenic (As)	ppm	max. 1	
Iron (Fe)	ppm	max. 0,5	
Residue on ignition	%	max. 0,005	E 1520
Acidity	ml	max. 0,05	0,1N NaOH/10 ml
Oxidizing substances	ml thiosulphate	max. 0,2	
Organic volatile substances		Conform	
Reducing substances		Conform	
Lead (Pb)	ppm	max. 1	E 1520

#### 2.3.2 Physical contaminants

Foreign body control	N.A.
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### 2.4 Nutritional Information ( Directive 90/496/EC, amended by 2003/120/EC and 2008/100/EC)

#### 2.4.1 Nutritional Values

Energy	kJ/100g	1672	
Energy	kcal/100g	400	
Protein	g/100g	0	
Carbohydrate :	g/100g	100	
Of which Sugars	g/100g	0	
Polyols	g/100g	0	
Starches	g/100g	0	
Others	g/100g	0	

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Fat :	g/100g	0	
Of which Saturated	g/100g	0	
Mono-unsaturated	g/100g	0	
Poly-unsaturated	g/100g	0	
Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Water	g/100g	max. 0,2	
Organic acid	g/100g	-	

### 2.4.2 Minerals

Iron	mg/100g	max. 0,05	
Calcium	mg/100g		
Others:	mg/100g	-	

## 3. FOOD INTOLERANCES

### 3.1 Allergens (Directives 2000/13/EC, 2003/89/CE 2007/68/EC)

	Y / N	Direct Contamination	Cross-Contamination (Risk)
Barley	N	N	N
Beef	N	N	N
Cacao	N	N	N
Carrot	N	N	N
Celery and celery products	N	N	N
Cereals containing gluten and products produced with these (wheat, rye, oats, spelt, barley)	N	N	N
Chicken	N	N	N
Coriander	N	N	N
Crustaceans and Shellfish	N	N	N
Eggs and egg products	N	N	N
Fish and fish products	N	N	N
Glutamate	N	N	N
Lupin and products thereof	N	N	N
Milk and milk products ( incl. Lactose)	N	N	N
Molluscs and products thereof	N	N	N

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Mustard and mustard products	N	N	N
Nuts and nut products (almonds, hazelnuts, walnuts)	N	N	N
Peanuts and peanut products	N	N	N
Pork	N	N	N
Sesame and sesame products	N	N	N
Soybean and soybean products	N	N	N
Sulphite (E 221 - E 228)	N	N	N
Sulphur dioxide ( > 10 mg/kg )	N	N	N

### 3.2 Suitability for other diets

Coeliacs	Y	Lactose intolerant	Y
Halal	N	Vegans	Y
Kosher	Y	Vegetarian	Y

### 3.3 GMO Declaration, acc. Regulations 298/2008/EC and 1830/2003/EC

MONOPROPYLENE GLYCOL FEED does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product come into contact with genetically modified organisms.

MONOPROPYLENE GLYCOL FEED is falling under the scope of the EC Regulation n° 1829/2003 on genetically modified food and feed and the EC Regulation n° 1831/2003 on the traceability and labeling of genetically modified organisms and the traceability of products derived from them and to modification of Directive 2001/18/EC.

### 3.4 Irradiation, acc. Directive 1999/2/EC and 1999/3/EC

This product was not subject to any kind of irradiation treatment

### 3.5 BSE/TSE Declaration

The used ingredients for MONOPROPYLENE GLYCOL FEED are not of animal origin. The processing equipment and the packing material which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat by-product.

### 3.6 Residual Solvents, complies with

For the manufacturing of the product, no solvents are used. This product is in compliance with the Guideline CPMP/ICH/283/95 and chapter <467> of the current edition of the USP-NF for residual solvents.

### 3.7 Regulatory information

The product complies with:

EC Regulation n° 1831/2003 on additives for use in animal nutrition.  
 EC Directive 2002/32/EC on undesirable substances in animal feed.  
 EC Regulation n° 767/2009 on the placing on the market and use in feed.  
 EC Regulation n° 68/2013 on the Catalogue of feed hygiene.  
 EC Regulation n° 183/2005 on requirements for feed hygiene.

The production plant complies with:

EC Regulation n° 183/2005 on requirements for feed hygiene.

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### 4. PACKAGING

Packaging description	Bulk, IBC, drums
Packaging net content	/ 1000Kg / 215 kg
Different packagings on request	Yes
Paletisation	tank / wooden / wooden

### 5. STORAGE CONDITIONS

Storage conditions	Must be stored out of direct sun light at an air temperature not exceeding 45°C in sealed containers. It may be designed to prevent moisture intrusion by...
Shelf life (recommended re-analysis)	24 months after production, under the...

### 6. DISCLAIMER

The content of the Product Specification Sheet is completed to the best of our knowledge and belief. This document does not dismiss the user of his legal obligation.

DISTR

name

address

country

phone n

website

e-mail

activitie

VAT num

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number

manage  
certifica



# INDUFARM

Together for *better* farming

## INDUFARM COMPANY INFORMATION

	Indufarm N.V.		
	Leon Bekaertstraat 5 8770 Ingelmunster (B)		
	Belgium		
Number	+32 (0)51 62 42 45		
	<a href="http://www.indufarm.com">www.indufarm.com</a>		
	<a href="mailto:contact@indufarm.com">contact@indufarm.com</a>		
	Distribution and export of chemicals and ingredients		
	BE0662512077		
Number (365)	+32 (0)70 245 245		
Quality systems:	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD		