

# VEROL CRS-10

## DESCRIPTION

VEROL CRS-10 is a fat blend containing totally hydrogenated oil and Mono- and diglycerides of fatty acids. Additive for the food industry.

In accordance with the specific purity criteria laid down in Regulation (EU) 231/2012.

Local food laws should always be consulted regarding the use of this product in foodstuffs.

## COMPOSITION

Hydrogenated oil (rapeseed) and Mono-and diglycerides of fatty acids (E-471) (palm).

## PHYSICOCHEMICAL SPECIFICATIONS

<i>Appearance</i>	.....	<i>flakes or powder</i>
<i>Colour</i>	.....	<i>white-ivory</i>
<i>Odour</i>	.....	<i>characteristic</i>
<i>Melting point (°C)</i>	.....	<i>approx. 60</i>
<i>Iodine Value (g I/100 g)</i>	.....	<i>max. 2</i>
<i>Free fatty acid (% as Oleic)</i>	.....	<i>max. 2</i>
<i>Acid Value (mg KOH/g)</i>	.....	<i>max. 3</i>
<i>Total Monoglyceride (%)</i>	.....	<i>min. 10</i>
<i>Free Glycerol (%)</i>	.....	<i>max. 1</i>
<i>Saponification Value (mg KOH/g)</i>	.....	<i>165-180</i>
<i>Iron (ppm)</i>	.....	<i>max. 1</i>
<i>Copper (ppm)</i>	.....	<i>max. 0.2</i>
<i>Lead (ppm)</i>	.....	<i>max. 0.1</i>
<i>Arsenic (ppm)</i>	.....	<i>max. 0.1</i>

## MICROBIOLOGICAL SPECIFICATIONS

<i>Total plate count (per g)</i>	.....	<i>max. 5000</i>
<i>Yeast and moulds (per g)</i>	.....	<i>max. 100</i>
<i>Coliforms (per g)</i>	.....	<i>absent</i>
<i>Salmonella (per 25 g)</i>	.....	<i>absent</i>

## USES

The main characteristic of VEROL CRS-10 is the formation of a crystal network that stabilizes fat blends. VEROL CRS-10 avoids oiling out with a very slight modification of the final melting point. Dosage: 0.5-2.0%. VEROL CRS-10 is strongly recommended in low water content margarines because of its combination of emulsifying power and crystal promoter, forming a crystal network that avoids oiling out. Dosage: 0.5-2.0%. In liquid bread improvers VEROL CRS-10 stabilizes the composition with no phase separation or solid sedimentation, maintaining the improver as a free flowing product at dosing and stocking temperatures. Dosage: 1.0-2.0%.

## ALLERGENS

	ALLERGEN	YES	NO
01	Cereals containing gluten	<input type="checkbox"/>	<input checked="" type="checkbox"/>
02	Crustaceans and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
03	Eggs and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
04	Fish and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
05	Peanuts and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
06	Soybeans and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
07	Milk and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
08	Nuts and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
09	Celery and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Mustard and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11	Sesame seeds and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Sulphur dioxide and sulphites at concentrations of more than 10mg/Kg or 10mg/L expressed as SO <sub>2</sub>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13	Molluscs and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14	Lupins and products thereof	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## NUTRITIONAL INFORMATION

(per 100 g of product)

<i>Protein</i>	.....	--
<i>Carbohydrates</i>	.....	--
<i>Fibre</i>	.....	--
<i>Total fat</i>	.....	<i>100 g</i>
<i>of which</i>		
<i>saturated</i>	.....	<i>100 g</i>
<i>Trans fatty acids</i>	.....	<i>&lt;1 g</i>
<i>Energy</i>	.....	<i>900 Kcal</i>

## STORAGE

Keep closed in its original packaging cool and dry and away from sunlight. Recommended storage temperature below 25°C.

Shelf life of 24 months.

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## **PACKAGING**

25 Kg net bags.

## **GMO STATUS**

The product does not contain any Genetically Modified Organism and does not contain any ingredient that has been produced from any Genetically Modified Organism.

The product has not to be labelled regarding genetically modified organisms according to regulations 1829/2003 and 1830/2003.

## **DIETARY INFORMATION**

The product is suitable for vegetarians, vegans, lactose intolerance and coeliacs.

## **BSE & TSE**

The product is free of BSE disease (Bovine Spongiform Encephalopathy) and TSE (Transmissible Spongiform Encephalopathy).

## **NANO-TECHNOLOGY**

The product has not gone through "nano-technology" and it has not been engineered at nano (1 to 100 nanometres) level.

## **IRRADIATION**

The product is free of irradiation; there has not been any kind of irradiation or ionization that could damage the product or the consumer.

## **ADDITIONAL INFORMATION**

The product conforms to Jewish dietary laws (Kosher) and to Islamic dietary laws (Halal).