



Product Specification - Bottled Sunflower Oil				
<b>Brand Name :</b>	Maslenitsa, Semenovna, Skazka, Oleina, IDEAL, Golden Drop, Zabava, Radhuni, Opera			
<b>Product Description :</b>	Refined Deodorized Sunflower Oil "First Grade"			
<b>Method of Production :</b>	Produced by pressing and extraction from sunflower seeds followed by removal of non-fatty impurities and aromatic matter by method of refining			
<b>Manufacturer :</b>	LLC «Maslenytsa»			
<b>Volume :</b>	0.75, 0.87, 0.9, 1, 2, 3, 5L			
<b>Manufacturing Location Address :</b>	Russia, 396340, Voronezh region, Kashirsky MD, Kolodezyanskoye, oil extraction plant Industrial area, (LLC «Maslenytsa» Branch in Kolodezny)			
<b>Legal Address</b>	Russia, 115114, Moscow, Danilovsky MD, Internal-city Area, Kozhevnickeskaya St., Bldg. 5, 10th floor, premise XX, room 13.			
<b>Composition (ingredients in the decreasing order of content )</b>	% acc.to recipe	Country / Place of origin		
Refined Deodorized Sunflower Oil	100	Russia		
<b>General Requirements and Russian Regulatory Documents :</b>	1) GOST 1129-2013 Sunflower Oil. Specifications 2) CU TR 021/2011 Technical Regulation on the Safety of Foodstuffs. 3) CU TR 024/2011 Technical Regulation on Fat-Oil Products. 4) CU TR 022/2011 On Labeling of Food Products.			
Organoleptic Characteristics				
<b>Consistency, texture</b>	Liquid.			
<b>Appearance, color</b>	Transparent, no sediment. Yellow color			
<b>Taste and Odor</b>	No odor, non-specific taste.			
Physical and Chemical Characteristics				
Characteristics	UOM	Typical values (at the time of shipping)	Limit values (at the end of shelf life)	Method
Acid Value	mg KOH/g	0.16	0.4	GOST 31933
Moisture and volatiles weight content	%	0.01	0.10	GOST 11812
Non-fatty impurities weight content, not more	%	absent	absent	GOST 5481
Phosphorated substances weight content, not more	%	absent	absent	GOST 31753
Soap	Qualitative test	absent	absent	GOST 5480
Peroxide value, not more	mmol 1/2 O/kg	0.5	10.0	GOST ISO 3960
Color value, not more	mg iodine	2	10.0	GOST 5477
Cold test	Qualitative test	satisfies the test	satisfies the test	Acc. to Appendix E GOST 1129
Saturated fatty acids weight content (average)	%	12.0		GOST 30418, GOST 31663
Monounsaturated fatty acids weight content (average)	%	24.0		



Polyunsaturated fatty acids weight content (average)	%	63.0	
Trans isomers fatty acids weight content, not more	%	1.0	
<b>Fatty Acid Composition</b>			
C 14:0	%	up to 0.2	GOST 30418, GOST 31663
C 16:0	%	5.0-7.6	
C 16:1	%	up to 0,3	
C 18:0	%	2.7-6.5	
C 18:1 cis	%	14.0-39.4	
C 18:2 cis	%	48.3-77.0	
C 18:3 cis	%	up to 0.3	
C 20:0	%	up to 0.5	
C 20:1	%	up to 0.3	
C 22:0	%	0.3-1.5	
C 22:1	%	up to 0.2	
C 24:0	%	up to 0.5	
<b>Microbiological Points</b>			
not regulated under CU TR 021/2011, CU TR 024/2011			
<b>Safety Data</b>			
Contaminant	UOM	Limits	Method
Benz(a)pyrene	µg/kg	not more than 2	GOST 32123
Dioxins	ng/kg	not more than 0.75	MP-02200-NL EN 16215 equivalent to NEN EN 16215 (Dr.A.Verwey)
Copper (Cu)	mg/kg	not more than 0.1	GOST 30178
Iron (Fe)	mg/kg	not more than 1.5	GOST 30178
Lead ( Pb)	mg/kg	not more than 0.1	GOST 30178
Cadmium ( Cd)	mg/kg	not more than 0.05	GOST 30178
Mercury (Hg)	mg/kg	not more than 0.03	GOST R 54639, GOST 34427
Arsenic (As)	mg/kg	not more than 0.1	GOST 26930
Sum of HCH and isomers	mg/kg	not more than 0.05	GOST 32122
DDT and metabolites	mg/kg	not more than 0.1	GOST 32122
Cesium - 137	Bq/kg	not more than 40	MUK 2.6.1.1194-03
Strontium - 90	Bq/kg	not more than 80	MUK 2.6.1.1194-03
<b>GMO :</b>	The product does not contain GMO and not subject to GMO labeling according to CU TR 022/2011		
<b>Allergens ( CU TR 022/2011 ) :</b>			<b>Y / N</b>
Peanuts and peanut products			N
Aspartame and aspartame acesulfame salt			N
Mustard and its derivatives			N
Sulfur dioxide and sulfites (> 10 mg /kg)			N
Cereals with gluten and products thereof (wheat, rye, barley, oats, spelt wheat, kamut or their hybridized strains)			N
Sesame and derivatives			N
Lupine and its derivatives			N



Shellfish and derivatives	N
Milk and dairy products (including lactose)	N
Nuts and products thereof (walnuts, brazil nuts, cashew, pecan, pistachio, almond, cedar and macadamia)	N
Crustaceans and products thereof	N
Fish and fish products	N
Celery and products thereof	N
Soya and products thereof	N
Eggs and products thereof	N

### Labeling of Product

#### List of Accompanying Documents

- 1) quality certificate
- 2) copy of CU TR conformity declaration

#### Nutritional value per 100 g of product (refined deodorized sunflower oil)

Property	UOM	100 g	one serving (10g)	Based on ANALYSIS ( A ) or CALCULATIONS ( C )
Caloric content	kcal/kJ	899/3696	90/370	C
Protein*	g	0	0	C
Carbohydrates*	g	0	0	C
Sugar*	g	0	0	C
Fats	g	99,9	10	C
Salt*	g	0	0	C
Vitamine E**	mg	70	7	A
Cholesterol*	mg	0	0	C

(\*) - For internal use only, not subject to obligatory marking.

(\*\*) - Average value.

#### Transportation and storage

Consumer package:	Bottles from polyethyleneterephthalate made by preform blowing. Consumer package filled with oil shall be tightly capped with caps made from materials certified for contact with vegetable oils.
Transport package:	Bottles with oil are packed into corrugated carton boxes and grouped in pallets on trays.
Requirements to storage and transportation	Covered and dry vehicles free from residues and odours of previous loads. Store in a clean, dry, odour-free room, free from direct sunlight and at a temperature not exceeding room temperature. Store bottle in refrigerator after opening.
Best before	22 months
Batch identification:	Laser-printed on the shoulder/top part of the bottle: date of production and bottling, production order number, process line number and tank number, best before date.
Designation :	For direct consumption and for food production.
The product is not applicable:	For baby food.