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	VEGETABLE OLEIN			
Issue date: 02/05/2016			Effective date: 05/05/2016	

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1. Description

Vegetable fatty acids are the oily substances obtained from the neutralizing process when refining oil. 100% vegetable oil.

2. Characteristics

Fatty acids are an excellent source of energy. Due to their qualities, they provide a high amount of linoleic acids (Omega 6) and linolenic acids (Omega 3).

3. Technical Specification




- ✓ Appearance: dark brown or black oily substances, with characteristic strong odor.
- ✓ Moisture and Volatiles: max. 2%
- ✓ Acidity as Oleic acid: min. 55%
- ✓ Saponifiable Material: min. 90%
- ✓ Iodine Value: min. 119 u
- ✓ Viscosity: max. 5 poises
- ✓ Insoluble Impurities: <2%
- ✓ Saturated Fatty Acids: < 27%
- ✓ Oleic Fatty Acids: > 18%
- ✓ Linoleic Fatty Acids: > 40%
- ✓ Linolenic Fatty Acids: > 3%
- ✓ Total Trans fatty acids < 2,5%
- ✓ Metabolizable Energy: 8400 – 8800 Kcal/mg


It complies with GMP + BA3 "Minimum Requirements. Negative List", GMP + BA4 "Minimum Requirements for Sampling and Analysis", and GMP + BA1 "Specific Feed Safety Limits".

4. Microbiological Specifications

Salmonella: Absent in 25 grs.

5. Packaging

BULK IN TRUCK	
FLEXITANKS	
ISOTANKS	

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6. Storing Conditions

Store in steel tanks, if possible, with agitator device.

7. Shelf Life

Keep for 12 months, following storing conditions.

8. Uses

Its industrial use is typified for these activities:

Soaps; balanced feed (growth and fattening of animals and fish); distillation to obtain primary components; alternative energies; among others.

9. **Annexes:** the Safety Sheet of the product is annexed.

