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SPECIFICATION SHEET

OMEGA 3 90EE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Written By	Rev. No.	Approved By
OM3KSL	2248	91051-05-7	January 31, 2007	MDS	MDS	No. 8	MPR

CHARACTERISTICS:	It is obtained from carefully selected fish oils previously checked on admissible low pesticide, PCB and heavy metal contamination. It is manufactured to close specifications ensuring a high degree of consistency via dense gas (CO ₂) extraction/chromatography. This worldwide patented, unique, technology guarantees a product absolutely free of any toxic organic solvent residues. Omega-3-90E is a long chain fatty acid, which is a colorless to slightly yellow, transparent liquid. It is slightly characteristic to fish in odor and taste. It is freely miscible with methanol, ethanol, acetone, diethyl ether, chloroform, hexane or cyclohexane and practically insoluble in water or ethylene glycol. It is free of saturated fats.
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SPECIFICATIONS:	Omega 3 Acids	90% min
	Acid value (mg KOH/g)	2.0 max
	Peroxide value (meq/kg)	10 max
	Absorbance	0.55 max
	Density @ 20° C (kg/l)	~0.9
	PCB's *	0.1 ppm max
	Dioxine*	1.5 pg Teq/g max
	Pesticides*	1 ppm max
	Heavy metals (Cd, Hg, Pb)*	0.1 ppm max
	* Analysis on raw material meq/kg means milli-equivalents Oxygen per kg Teq are Toxic equivalents described by WHO	

PACKAGING:	25 kg or 190 kg stainless steel drum, sealed under argon
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APPLICATIONS:	May be used as an additive in a myriad of food applications to enhance these "every day foods". It is used in cosmetics to revitalize the skin, enhance cell membrane restoration and suppress dry skin. There have been many clinical studies showing its benefits in mental, cardiovascular and inflammatory diseases.
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ADVANTAGES:	<ol style="list-style-type: none">1) Because our product is a minimum 90% Omega Fatty Acid, usage levels can be 1/3 to 1/2 of competitive products to gain the same effect.2) Our Omega 6 content is less than 5% giving us a minimum ratio of 18:1 in favor of Omega 3's3) There are no saturated acids or cholesterol in our product.4) Produced from a patented, state of the art, solvent free process.5) Manufactured from edible fish that do not originate from endangered species.6) Obtained from carefully selected fish oils previously checked for low pesticide, PCB and heavy metal contamination, which originated from sardine and anchovy caught in the cold water streams of the South Atlantic and South Pacific oceans.7) Very low taste and odor profile.
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