

PRODUCTS WITH PURPOSE

Nutritional lipids



life'sDHA™ (Vegetarian Omega-3 Long Chain Polyunsaturated Fatty Acids)

		Certifica			Pack Size	e and a sub-	Form		ı	Main Application		Specific Application					
Product and Description	Kosher	Halal	DMF*	CEP	(kg)	Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
DHASCO-B° Nutritional oil from microalgae containing min. 38% DHA (380 mg/g)	•	•			9 18 200	50 1598 6.043 50 1598 6.044 50 1598 6.046	•					•			•	•	
DHASCO-B* Powder Spray dried powder consisting of DHA derived from microalgae in a matrix of dried glucose syrup and sodium caseinate , min. 11% (110 mg) DHA per g	•	•			5	50 1637 3.304		•				•			•	•	
life'sDHA" \$10-P200 Cold water dispersible. Free-flowing powder derived from microalgae containing 10% DHA (100 mg/g)	•	•			12.5	50 1372 0.148		•		•	•				•	•	
life'sDHA™ S17-P100 Not cold water dispersible. Free-flowing powder derived from microalgae containing 17% DHA (170 mg/g)	•	•			12.5	50 1371 2.148		•		•	•				•	•	
life'sDHA™ 100 mg Vegetarian Capsules DHA-S oil in a 300 mg (10 oval) carrageenan vegetarian capsule providing 100 mg DHA		•			8,000 caps	50 1373 9.035	•			•					•	•	
life'sDHA™ 200 mg Vegetarian Capsules DHA-S oil in a 600 mg (14 oval) carrageenan vegetarian capsule providing 200 mg DHA		•			8,000 caps	50 1374 7.035	•			•					•	•	
life'sDHA™ S35-O300 Nutritional oil derived from algae containing min. 35% DHA (350 mg/g)	•	•			1 5 23 180	50 1375 5.264 50 1375 5.294 50 1375 5.037 50 1375 5.418	•				•				•	•	
life'sDHA" S35-O300DS Nutritional oil derived from algae containing min. 35% DHA (350 mg/g). Longer shelf life at ambient than S35-O300	•	•			23 180	50 1643 4.037 50 1643 4.418	•			•					•	•	
life'sDHA" \$40-0400 Nutritional oil derived from algae containing min. 40% DHA (400 mg/g)	•	•			1 5 23 180	50 1509 0.264 50 1509 0.294 50 1509 0.037 50 1509 0.418	•				•				•	•	
life'sDHA™ S40-0400DS Nutritional oil derived from algae containing min. 40% DHA (400 mg/g). Longer shelf life at ambient than S40-0400	•	•			23 180	50 1643 5.037 50 1643 5.418	•			•					•	•	
life'sDHA" \$40-0500 Nutritional oil derived from algae containing min. 40% DHA (400 mg/g), Rosemary free and light yellow	•	•			1 5 23 180	50 1628 6.264 50 1628 6.294 50 1628 6.037 50 1628 6.418	•			•					•	•	
<i>life'sDHA</i> [™] SF55-O200DS Nutritional oil (clear orange) derived from algae containing min. 55% DHA (550 mg/g)	•	•			23 180	50 1646 6.037 50 1646 6.418	•			•					•	•	





















ADDITIONAL INFORMATION | *life'sDHA*™ (omega-3 oils)

ROLE:

DHA, an omega-3 fatty acid, is a major structural fat in the brain and eyes. It accounts for up to 97 percent of the omega-3 fats in the brain and up to 93 percent of the omega-3 fats in the eye. A growing body of research continues to support the important role that DHA plays for both mother and baby. DHA is important for optimal infant brain, eye and nervous system development, and has been shown to support healthy pregnancy. DHA also supports brain function in adults.

FOOD SOURCES:

The primary dietary source of DHA is fatty fish. Dietary sources for infants include breast milk and DHA-/ARA-fortified infant formula. Unfortunately, women of childbearing age who consume a typical Western diet are at risk for low stores of DHA.

HEALTH BENEFITS & SOLUTIONS:

Empower your mind, Improve your Digestion, Enhance your mobility, Essentials for early life, Essentials for kids & teens, Essentials for men, Essentials for healthy aging, Optimize your weight, Power your performance, Nourish your beauty, Essentials for vegetarians.

EU HEALTH CLAIMS:

- DHA contributes to maintenance of normal brain function.
- DHA contributes to the maintenance of normal blood triglyceride levels.
- DHA contributes to the maintenance of normal vision.
- DHA intake contributes to the normal visual development of infants up to 12 months of age.
- DHA maternal intake contributes to the normal brain development of the foetus and breastfed infants.
- · DHA maternal intake contributes to the normal development of the eye of the foetus and breastfed infants.

US QUALIFIED HEALTH CLAIMS:

· Supportive, but not conclusive, research shows that consumption of EPA and DHA omega-3 fatty acids may reduce the risk of coronary heart disease. One serving of [Name of the food] provides [] gram of EPA and DHA omega-3 fatty acids [See nutrition information for total fat, saturated fat, and cholesterol content].

Note: Dietary supplements may declare the amount of EPA and DHA per serving in "Supplement Facts", instead of making the declaration in the claim.























life's™*OMEGA* (Vegetarian Omega-3 Long Chain Polyunsaturated Fatty Acids)

		Certifi	cations		Deel Circ		Fo	rm		Main Applicatio	1	Specific Application					
Product and Description	Kosher	Halal	DMF*	CEP	Pack Size (kg)	Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
life's"OMEGA 45 Nutritional oil from microalgae providing min. 400 mg/g DHA + EPA	•	•			1 5 23 180	50 1369 0.264 50 1369 0.294 50 1369 0.037 50 1369 0.418	•			•	•				•	•	
life's"OMEGA 60 Nutritional oil from microalgae providing min. 550 mg/g Total Omega-3	•	•			1 5 23 180	50 1529 5.264 50 1529 5.294 50 1529 5.037 50 1529 5.418	•				•				•	•	
life's"OMEGA 60-DS Nutritional oil from microalgae providing min. 550 mg/g Total Omega-3. Longer shelf life at ambient than life's"OMEGA 60	•	•			23 180	50 1643 3.037 50 1643 3.418	•			•					•	•	
life's"OMEGA 01030DS Nutritional oil from microalgae providing min. 510 mg/g Total Omega-3		•			190	50 1650 5.420	•			•					•	•	
life's"OMEGA 300 mg Vegetarian Capsules life's"OMEGA oil in a 790 mg (14 oval) carrageenan vegetarian capsule providing min. 300 mg DHA + EPA per capsule		•			6000	50 1501 0.034	•			•					•	•	

ADDITIONAL INFORMATION | *life's* MOMEGA (omega-3 oils)

ROLE:

These oils, produced from microalgae, contain eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA). Recent research has shown these compounds to have triglyceride lowering activity, which may be helpful in reducing the risk of cardiovascular diseases.

FOOD SOURCES:

Fish (anchovy, sardines, mackerel, herring, tuna) and dietary supplements. Canadian data suggest 0.56 mg/100 kcal or at least 0.5% of energy.

HEALTH BENEFITS & SOLUTIONS:

Optimize your immunity, Empower your mind, Upgrade your vision, Improve your gut health, Enhance your mobility, Guard your heart, Essentials for women, Essentials for men, Essentials for healthy aging, Optimize your weight, Power your performance, Nourish your beauty, Essentials for vegetarians.

EU HEALTH CLAIMS:

- DHA and EPA contribute to the maintenance of normal blood pressure.
- DHA and EPA contribute to the maintenance of normal blood triglyceride levels.
- EPA and DHA contribute to the normal function of the heart.

US OUALIFIED HEALTH CLAIMS:

· Supportive, but not conclusive, research shows that consumption of EPA and DHA omega-3 fatty acids may reduce the risk of coronary heart disease. One serving of [Name of the food] provides [] gram of EPA and DHA omega-3 fatty acids [See nutrition information for total fat, saturated fat, and cholesterol content].

Note: Dietary supplements may declare the amount of EPA and DHA per serving in "Supplement Facts", instead of making the declaration in the claim.



























life's™*GLA* (Vegetarian Omega-6 Long Chain Polyunsaturated Fatty Acids)

		Certifications					Form			Main Application		Specific Application					
Product and Description	Kosher	Halal	DMF*	CEP		Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
life's"GLA '10' n-6 Oil Refined Evening Primrose Oil. Minimum 9% γ-linolenic acid (GLA)		•			25	04 2239 8.372	•			•	•				•	•	
life's™GLA '25' n-6 Oil Refined Borage Oil. Minimum 23% γ-linolenic acid (GLA)		•			25 185	50 0854 9.372 50 0854 9.223	•			•	•				•	•	

life's™*ARA* (Vegetarian Omega-6 Long Chain Polyunsaturated Fatty Acids)

ARASCO° Nutritional oil from fungi containing min. 38% ARA (380 mg/g)	•	•		9 18 200	50 1500 2.043 50 1500 2.044 50 1500 2.046	•			•		•	•
ARASCO* Powder Spray dried powder consisting of ARA derived from fungi in a matrix of dried glucose syrup and sodium caseinate, min. 11% (110 mg) ARA per g	•	•		5	50 1637 4.304		•		•		•	•
life's"ARA '12' n-6 ARA Powder Spray dried powder consisting of ARA derived from fungi in a matrix of fish gelatin, sucrose and corn starch, min. 12% (120 mg) ARA per g		•		5	50 0324 5.304		•		•		•	•

life's™*DHA+ARA* (Vegetarian Omega-3 and Omega-6 Long Chain Polyunsaturated Fatty Acids)

Formulaid*-B (2:1 ARA:DHA) From fungi and microalgae, containing 2 parts ARASCO* and 1 part DHASCO*-B	•	•		9 18 200	50 1559 0.043 50 1559 0.044 50 1559 0.046	•			•		•	•
Formulaid*-B (1:1 ARA:DHA) From fungi and microalgae, containing 1 part ARASCO* and 1 part DHASCO*-B	•	•		9 18 200	50 1591 9.043 50 1591 9.044 50 1591 9.046	•			•		•	•







ADDITIONAL INFORMATION | *life's*™*GLA* (omega-6 oils)

ROLE:

life's™*GLA* is a rich source of gamma linolenic acid (GLA). As suggested in recent research, GLA may be helpful in suppressing or reducing inflammation in atopic eczema and psoriasis. Involved in the restoration of the natural moisture barrier of the skin.

FOOD SOURCES:

Sunflower seed oil (AL), safflower oil (AL), evening primrose oil (GLA) or borage oil (GLA).

HEALTH BENEFITS & SOLUTIONS:

Nourish your beauty.

| *life's*™ARA (omega-6 oils)

ROLE:

ARA (arachidonic acid), a long-chain omega-6 fatty acid, is the principal omega-6 in the brain and is abundant in other cells throughout the body. It is also a precursor to a group of hormone-like substances called eicosanoids that play a role in immunity, blood clotting and other vital functions in the body. Like DHA, ARA occurs naturally in breast milk and is important to infant development.

FOOD SOURCES:

Dietary sources for infants include breast milk and DHA-/ARA-fortified infant formula. Most women receive adequate amounts of ARA by eating foods that are plentiful in the Western diet, such as meat, eggs and milk.

HEALTH BENEFITS & SOLUTIONS:

Essentials for early life





MEG-3[®] (Marine Omega-3 Long Chain Polyunsaturated Fatty Acids)

		Certifi	fications		D. 16'-		Fo	rm		Main Applicatior		Specific Application					
Product and Description	Kosher	Halal	DMF*	CEP	Pack Size (kg)	Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
MEG-3* '15' n-3 Emulsion LV Min. 15% total Omega-3. Min. 12.5% EPA + DPA + DHA. Min. 6.25% DHA and 4.5% EPA		•			10	50 0968 5.098	•				•				•		
MEG-3° '30' n-3 Food Oil Triglycerides, min. 30% total Omega-3. Min. 25% DHA + EPA. Min. 9% EPA. Min. 12.5% DHA		•			25 190	50 1529 0.372 50 1529 0.420	•				•				•		
MEG-3° '30' n-3 INF Oil Triglycerides, min. 30% total Omega-3. Min. 23% DHA		•			25 190	50 1528 9.372 50 1528 9.420	•				•	•			•		
MEG-3* 1812 TG 3a Food Oil Steam deodorized triglycerides, min 160 mg EPA, 100 mg DHA and min 280 mg total Omeg-3 per g		•			15.85 190	50 1516 1.152 50 1516 1.420	•			•	•				•		
MEG-3° 1812 TG 8a Food Oil Steam deodorized triglycerides, min. 160 mg EPA, 100 mg DHA. 280 mg Omega-3 per g		•			190	50 1516 2.420	•			•	•				•		
MEG-3* 30% 8a Food Oil Triglycerides, min. 250 mg – max. 320 mg EPA+DHA, min. 300 mg total Omega-3 per g		•			15.85 190	50 1518 4.152 50 1518 4.420	•			•	•				•		
MEG-3° DHA Inf Food Oil Triglycerides, min 45 mg EPA, 220 mg DHA and min 280 mg total Omega-3 per g		•			18 190	50 1527 4.044 50 1527 4.420	•			•	•	•			•		
MEG-3* 30% B Powder Microencapsulated powder based on bovine gelatin, min. 150 mg – max. 220 mg EPA + DHA and min. 180 mg total Omega-3 per g					10	50 1622 8.332		•		•	•				•		
MEG-3* DHA rf Powder Microencapsulated powder based on fish gelatin, 132 mg DHA and min. 184 mg total Omega-3 per g		•			10	50 1631 5.322		•		•	•	•			•		
MEG-3* DHA B Powder Microencapsulated powder based on bovine gelatin, 132 mg DHA and min. 184 mg total Omega-3 per g					10	50 1622 7.322		•		•	•				•		
MEG-3* 26% H Powder Microencapsulated powder based on fish gelatin, min 144 mg – max 220 mg EPA+DHA and min 180 mg total Omega-3 per g		•			10	50 1624 4.322		•		•	•		•		•		
MEG-3* '10' n-3 INF Powder Beadlet powder consisting of DHA from fish in a corn starch coated matrix of fish gelatin and sucrose, min. 7% (70 mg) DHA per g		•			5	04 8039 8.304		•		•	•	•			•		
MEG-3* '10' n-3 INF Powder S/SD Spray dried powder consisting of DHA from fish in a matrix of modified food starch and sucrose, min. 7% (70 mg) DHA per g		•			5	50 0639 2.304		•		•	•	•			•		
MEG-3* '15' n-3 High DHA Powder S/SD Spray dried powder consisting of DHA from fish in a matrix of modified food starch and sucrose, min. 11% (110 mg) DHA per g		•			5	50 1163 9.304		•		•	•	•			•		
MEG-3* '10' n-3 Food Powder S/SD Spray dried powder of DHA and EPA from fish in a matrix of modified food starch and sucrose, min. 7% (70 mg) DHA + EPA per g		•			5	50 0952 9.304		•		•	•				•		



























MEG-3° (Marine Omega-3 Long Chain Polyunsaturated Fatty Acids) – Continued

		Certif	ications				Fo	rm	Main Application			Specific Application					
Product and Description	Kosher	Halal	DMF*	CEP	Pack Size (kg)	Product Code	Liquid	Powder	Pharma Reg. OTC/Rx*	Dietary Supplements	Foods and Beverages	Early Life Nutrition	Medical Nutrition	Nutrition Improvement	Naturally Sourced	Vegetarian	
MEG-3 [®] 1844EE Ethyl esters, min. 180mg EPA, 440mg DHA. 660mg total Omega-3 per g		•			190	50 1517 1.420	•			•					•		
MEG-3* 2718EE Ethyl esters, min. 270mg EPA, 180mg DHA. 500mg total Omega-3 per g		•			190	50 1520 1.420	•			•					•		
MEG-3* 2919EE Ethyl esters, min. 290mg EPA, 190mg DHA. 530mg total Omega-3 per g		•			190	50 1520 5.420	•			•					•		
MEG-3* 3025EE Ethyl esters, min. 300mg EPA, 250mg DHA. 600mg total Omega-3 per g		•			190	50 1520 9.420	•			•					•		
MEG-3* 3020EE Ethyl esters, min. 300mg EPA, 200mg DHA. 600mg total Omega-3 per g		•			190	50 1521 1.420	•			•					•		
MEG-3* 3223EE Ethyl esters, min. 320mg EPA, 230mg DHA. 665mg total Omega-3 per g		•			190	50 1528 4.420	•			•					•		
MEG-3* 3627EE Ethyl esters, min. 360mg EPA, 270mg DHA. 680mg total Omega-3 per g		•			190	50 1524 1.420	•			•					•		
MEG-3* 4618EE Ethyl esters, min. 460mg EPA, 180mg DHA. 700mg total Omega-3 per g		•			190	50 1525 2.420	•			•					•		
MEG-3* 5004EE Ethyl esters, min. 500mg EPA, 40mg DHA. 590mg total Omega-3 per g		•			190	50 1525 8.420	•			•					•		
MEG-3* Ultra High OMEGA EE Ethyl esters, min 480mg EPA, 230mg DHA, 740mg total Omeag-3 per g		•			190	50 1634 8.420	•			•					•		
MEG-3* Ultra High DHA EE Ethyl esters, min 640mg DHA, 700mg total Omega-3 per g		•			190	50 1636 5.420	•			•					•		
MEG-3* Ultra High EPA EE Ethyl esters, min 710mg EPA, 730mg total Omega-3 per g		•			190	50 1636 6.420	•			•					•		
MEG-3* 1812rTG Triglycerides, min. 180mg EPA, 120mg DHA. 350mg total Omega-3 per g		•			190	50 1516 7.420	•			•					•		
MEG-3* 1048rTG Triglycerides, min. 100mg EPA, 480 mg DHA, 650 mg total Omega-3 per g		•			190	50 1590 6.420	•			•					•		
MEG-3° 2718rTG Triglycerides, min. 270mg EPA, 180mg DHA. 500mg total Omega-3 per g		•			190	50 1520 7.420	•			•					•		
MEG-3° 3223rTG Triglycerides, min. 320 mg EPA, 230 mg DHA, 640 mg total Omega-3 per g		•			190	50 1643 1.420	•			•					•		
MEG-3° 1812 TG Oil Triglycerides, min. 160mg EPA, 100mg DHA. 300mg total Omega-3 per g		•			190	50 1516 5.420	•			•					•		
MEG-3° 30% TG Oil Triglycerides, min. 260mg EPA + DHA. 300mg total Omega-3 per g		•			190	50 1519 8.420	•			•					•		



























ADDITIONAL INFORMATION | MEG-3° (omega-3 oils)

ROLE:

MEG-3° contains eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA). Recent research has shown these compounds to have triglyceride lowering activity, which may be helpful in reducing the risk of cardiovascular diseases. Depending on the EPA/DHA ratio, various health claims may apply.

FOOD SOURCES:

Fish (anchovy, sardines, mackerel, herring, tuna) and dietary supplements. Canadian data suggest 0.56 gm/100 kcal or at least 0.5% of energy.

HEALTH BENEFITS & SOLUTIONS:

Optimize your immunity, Empower your mind, Upgrade your vision, Improve your gut health, Enhance your mobility, Guard your heart, Essentials for early life, Essentials for kids & teens, Essentials for women, Essentials for men, Essentials for healthy aging, Optimize your weight, Power your performance, Nourish your beauty.

EU HEALTH CLAIMS:

- DHA and EPA contribute to the maintenance of normal blood pressure.
- DHA and EPA contribute to the maintenance of normal blood triglyceride levels.
- DHA contributes to maintenance of normal brain function.
- DHA contributes to the maintenance of normal blood triglyceride levels.
- DHA contributes to the maintenance of normal vision.
- EPA and DHA contribute to the normal function of the heart.
- DHA intake contributes to the normal visual development of infants up to 12 months of age.
- DHA maternal intake contributes to the normal brain development of the foetus and breastfed infants.
- DHA maternal intake contributes to the normal development of the eye of the foetus and breastfed infants.

US QUALIFIED HEALTH CLAIMS:

· Supportive, but not conclusive, research shows that consumption of EPA and DHA omega-3 fatty acids may reduce the risk of coronary heart disease. One serving of [Name of the food] provides [] gram of EPA and DHA omega-3 fatty acids [See nutrition information for total fat, saturated fat, and cholesterol content].

Note: Dietary supplements may declare the amount of EPA and DHA per serving in "Supplement Facts", instead of making the declaration in the claim.



























ADDITIONAL INFORMATION | Labeling

KOSHER AND HALAL CERTIFICATION

Typically our products have Kosher (OU) and the main Halal certifiers (IFANCA, HFCE, MUI). We occasionally use other certification organization as well, but these are typically for special cases or back-up. Information about the other available certificates may be available upon request.

SPECIFIC PRODUCT INFORMATION

Product Data Sheets and Safety Data Sheets are available for all products listed in this catalogue. They contain information on product description and identification, specification and stability and storage conditions.

Some of the listed products are used either as vitamins (nutrients / Active Pharmaceutical Ingredients / excipients) or as food additives for technological purposes; some of them serve both purposes and are authorized in most countries. However, there are local regulations according to which their use may be restricted. It is therefore advisable to consult the corresponding regulation.

For further information on our products (local availability and prices), please contact the DSM Nutritional Products' office nearest to you or one of the addresses listed on the back cover.

RSPO CERTIFICATION

DSM made a commitment in 2013 to source all palm oil and palm oil derivatives in a sustainable manner by either using GreenPalm certificates under "Book & Claim" scheme or Mass Balance certification.





With our broad service offerings, customers get an integrated partner, from concept to consumer.

PRODUCTS

Active pharmaceutical ingredients (APIs)

Carotenoids

Digestive enzymes

Human milk oligosaccharides (HMOs)

Hydrocolloids

Nutraceuticals

Nutritional lipids

Probiotics and prebiotics

Vitamins

CUSTOMIZED SOLUTIONS

Coloration solutions

Market-ready solutions

Personalized nutrition solutions

Premix solutions

Shelf-life solutions

EXPERT SERVICES

Application and technical services

Innovation and R&D services

Insights and marketing services

Regulatory and quality services

Scientific services

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