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Product Portfolio Nutrition Ingredients Human Nutrition

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					Size (kg)	Min. Order Qty	Vegetarian ³	Vegan ³	Allergen information ⁴	Gluten information ⁵	Plant-based ⁸	Naturally-derived ⁹	Kosher	Halal	DS	Beverage	Food
Vitamin A																	
Dry Vitamin A-Acetate 500, 60 Mesh	500,000 IU vitamin A per gram, 60 mesh, with gelatin, BHT stabilized	Powder	30041011	50050523	25	400			✓	✓					✓		
Dry Vitamin A-Acetate 500, 40 Mesh	500,000 IU vitamin A per gram, 40 mesh, with gelatin, BHT stabilized	Powder	30041009	50050735	25	400			✓	✓					✓		
Dry Vitamin A-Acetate 325 GFP*	325,000 IU vitamin A per gram, with acacia gum, Toc. stabilized	Powder	30056973	50051212	25	400	✓	✓	✓	✓			✓	✓	✓	✓	✓
Dry Vitamin A-Acetate 325 GFP/E	325,000 IU vitamin A per gram, with acacia gum, Toc. stabilized	Powder	30253192	50491815	25	400	✓	✓	✓	✓			✓	✓	✓	✓	✓
Dry Vitamin A-Palmitate 250 CP CWD	250,000 IU vitamin A per gram, with modified starch, Toc. stabilized	Powder	30749765	50683290	25	400	✓	✓	✓	✓			✓	✓	✓	✓	✓
Dry Vitamin A-Palmitate 250 FP CWD	250,000 IU vitamin A per gram, with modified starch, Toc. stabilized	Powder	30750170	50686289	25	400	✓	✓	✓	✓			✓	✓	✓	✓	✓
Vitamin A-Acetate 2.8 Mio IU/G unstabilized	2.8 million IU vitamin A per gram, unstabilized	Oil	30041023	50096568	50	400	✓	✓	✓	✓			✓	✓	✓		✓
Vitamin A-Acetate 1.5 Mio IU/G stabilized with BHT	1.5 million IU vitamin A per gram, BHT stabilized	Oil	30041021	50563945	4 x 5	100	✓	✓	✓	✓			✓	✓	✓		✓
Vitamin A-Palmitate 1.7 Mio IU/G unstabilized*	1.7 million IU vitamin A per gram, unstabilized	Oil	30041032	55857164	25	450	✓	✓	✓	✓			✓	✓	✓		✓
Vitamin A-Palmitate 1.7 Mio IU/G stabilized with Tocopherol*	1.7 million IU vitamin A per gram, Toc. stabilized	Oil	30041031	50563952 55800242	4 x 5 25	200 450	✓	✓	✓	✓			✓	✓	✓		✓
Vitamin A-Palmitate 1.0 Mio IU/G stabilized with Tocopherol*	1.0 million IU vitamin A per gram, Toc. stabilized	Oil	30041043	50563949 55856634	4 x 5 25	200 450	✓	✓	✓	✓			✓	✓	✓		✓
Vitamin-A-Propionate 2.5 Mio IU/G stabilized with BHT	2.5 million IU vitamin A per gram, BHT stabilized	Oil	30636556	50431749	25	150	✓	✓	✓	✓			✓	✓	✓		✓
Oily Vitamin Blend 02-185	1.0 million IU vitamin A and 100,000 IU vitamin D ₃ per gram, Toc. stabilized	Oil	30082219	50563955	4 x 5	200	✓		✓	✓			✓	✓			
Vitamin B																	
Riboflavin Fine Powder (FP)	Vitamin B ₂ with fine particle size	Powder	30519560	50174430 50174226	10 25	400 500	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Riboflavin High Flow 100 (HF)	Vitamin B ₂ with better flowability	Powder	30519563	50175051 50175050	10 25	500 250	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Calcium D-Pantothenate Pharma ¹⁰	Vitamin B ₅ , crystalline	Powder	30844066	50849499	25	625	✓	✓	✓	✓			✓	✓	✓		
Calcium D-Pantothenate	Vitamin B ₅ , crystalline	Powder	30041195	50849500	25	1000	✓	✓	✓	✓			✓	✓	✓	✓	✓
Vitamin B ₁₂ 0.1% SD*	0.1% cyanocobalamin, with maltodextrin	Powder	30508686	50494235	20	320	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Vitamin B ₁₂ 1% SD*	1% cyanocobalamin, with maltodextrin	Powder	30508688	50494653	20	80	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Dry Vitamin B ₁₂ 0.1% GFP	0.1% cyanocobalamin, with maltodextrin	Powder	30663190	50493508	20	320	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Dry Vitamin B ₁₂ 1% GFP	1% cyanocobalamin, with maltodextrin	Powder	30662841	50494233	20	80	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓

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Vitamin D																		
Vitamin D ₃ 1.0 Mio IU/g*	1.0 million IU cholecalciferol per gram, in MCT oil, Toc. stabilized	Oil	30070969	50563957	4 x 5	100	✓		✓	✓			✓	✓	✓		✓	
Vitamin D ₃ 1.0 Mio IU/g Pharma ¹⁰	1.0 million IU cholecalciferol per gram, in MCT oil, Toc. stabilized	Oil	30853644	50859140	4 x 5	100	✓		✓	✓			✓	✓	✓			
Dry Vitamin D ₃ 100	100,000 IU cholecalciferol per gram, with gelatin, BHT stabilized	Powder	30067769	50144186	25	400			✓	✓					✓		✓	
Dry Vitamin D ₃ 100 GFP*	100,000 IU cholecalciferol per gram, with acacia gum, Toc. stabilized	Powder	30053529	50051636	25	400	✓		✓	✓			✓	✓	✓	✓	✓	
Dry Vitamin D ₃ 100 GFP HP	100,000 IU cholecalciferol per gram, with acacia gum, Toc. stabilized, high potency (Sold in North America only)	Powder	30208576	53763345	25	400	✓		✓	✓			✓	✓	✓	✓	✓	
Vitamin E																		
DL-alpha Tocopherol (synthetic)																		
DL-alpha-Tocopherol ¹⁰	Vitamin E (DL-alpha-tocopherol)	Oil	30054571	50563943 55434224 53344432 53872051	4 x 5 25	600 450 720 900	✓	✓	✓	✓			✓	✓	✓		✓	
Vitamin E Acetate 98% ¹¹	Vitamin E acetate (DL-alpha-Tocopheryl Acetate)	Oil	30574840	50628376 50315393 50322196 50322195	4 x 5 25	600 450 760 900	✓	✓	✓	✓			✓	✓	✓		✓	
Vitamin E Acetate Pharma ¹⁰	Vitamin E acetate (DL-alpha-Tocopheryl Acetate)	Oil	30777580	50748656 50731401 50731350	4 x 5 25	600 450 760	✓	✓	✓	✓			✓	✓	✓		✓	
Dry Vitamin E-Acetate 50% DC/GFP	50% vitamin E acetate, with modified starch	Powder	30253144	50486886	25	400	✓	✓	✓	✓			✓	✓	✓		✓	
Vitamin E 500 BG*	50% vitamin E acetate, with modified starch	Powder	30176617	57311006	25	600	✓	✓	✓	✓			✓	✓		✓	✓	
Vitamin E 500 FG*	50% vitamin E acetate, with modified starch	Powder	30079657	52807491	25	600	✓	✓	✓	✓			✓	✓	✓	✓	✓	
Vitamin K																		
Dry Vitamin K ₁ 1% GFP*	1% phytomenadione, with acacia gum	Powder	30041016	50052166	25	100	✓	✓	✓	✓			✓	✓	✓	✓	✓	
Dry Vitamin K ₁ 5% GFP*	5% phytomenadione, with acacia gum	Powder	30041002	50052325	25	100	✓	✓	✓	✓			✓	✓	✓	✓	✓	
Carotenoids																		
Apocarotenal																		
Apocarotinal Dispersion 20 MCT	20% apocarotenal, dispersion in MCT oil	Oil	30078425	50508476	4 x 5	400	✓	✓	✓	✓			✓	✓			✓	✓

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Beta-Carotene																
Beta-Carotene 20% GFP	20% beta-carotene, with modified starch	Powder	30796312	50775315	25	400	✓	✓	✓	✓			✓	✓	✓	
Beta-Carotene 20% CWD/R	20% beta-carotene, with modified starch	Powder	30283190	53387788	25	400	✓	✓	✓	✓			✓	✓		✓
Lucarotin® 1 CWD/Y	1% beta-carotene, with modified starch	Powder	30249105	50219030 52574132	2 x 5 20	400 500	✓	✓	✓	✓			✓	✓	✓	✓
Lucarotin® 10 CWD/O PLUS	10% beta-carotene, with modified starch	Powder	30619543	50487209 50400864	2 x 5 20	400 500	✓	✓	✓	✓			✓	✓		✓
Lucarotin® 30 M	30% beta-carotene, dispersion in corn oil	Oil	30041157	50508479 50508480 50562200	4 x 5 8 x 2 20	400 320 360	✓	✓	✓	✓			✓	✓		✓
Lucarotin® 30 SUN	30% beta-carotene, dispersion in sunflower oil	Oil	30085626	50507836 50507851 50562306	4 x 5 8 x 2 20	400 320 360	✓	✓	✓	✓			✓	✓		✓
Lucarotin® 30 MCT	30% beta-carotene, dispersion in medium chain triglycerides oil	Oil	30593736	50355369	20	360	✓	✓	✓	✓			✓	✓		✓
Mixed carotenoids, from <i>Dunaliella salina</i>																
Betatene® 1% CWD N	1% mixed carotenoids, cold water dispersible powder with acacia gum	Powder	30528283	50336934	2 x 5	400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Betatene® 20% OLV	20% mixed carotenoids, suspension in olive oil	Oil	30528286	50297753	10	90	✓	✓	✓	✓	✓	✓	✓	✓		
Betatene® 30% OLV	30% mixed carotenoids, suspension in olive oil	Oil	30528307	50297754	10	90	✓	✓	✓	✓	✓	✓	✓	✓		
Betatene® 20% SOY ⁶	20% mixed carotenoids, suspension in soybean oil	Oil	30528140	50297609	10	90	✓	✓	✓	✓	✓	✓	✓	✓		
Betatene® 30% SOY ⁶	30% mixed carotenoids, suspension in soybean oil	Oil	30528275	50297752	10	90	✓	✓	✓	✓	✓	✓	✓	✓		
Dunaliella Salina Extract	8% mixed carotenoids, suspension in soybean oil	Oil	30670488	50508170	10	270	✓	✓	✓	✓	✓	✓	✓	✓		✓
30% Natural Beta-carotene in Sunflower Oil	30% mixed carotenoids, suspension in sunflower oil	Oil	30543553	50297760	10	270	✓	✓	✓	✓	✓	✓	✓	✓		✓
30% Natural Beta-carotene in MCT Oil	30% mixed carotenoids, suspension in MCT oil	Oil	30535547	50288096	10	270	✓	✓	✓	✓	✓	✓	✓	✓		✓
30% Natural Beta-carotene in Olive Oil	30% mixed carotenoids, suspension in olive oil	Oil	30531352	50297608 50515893	10 900	270 900	✓	✓	✓	✓	✓	✓	✓	✓		✓
30% Natural Beta-carotene in Soybean Oil ⁶	30% mixed carotenoids, suspension in soybean oil	Oil	30531354	50297755	10	270	✓	✓	✓	✓	✓	✓	✓	✓		✓

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Lycopene																		
Lycovit® 10 CWD/S*	10% lycopene, with modified starch	Powder	30276090	52753643	2 x 5	400	✓	✓	✓	✓			✓	✓		✓	✓	✓
Lycovit® Dispersion 10%	10% lycopene, dispersion in sunflower oil	Oil	30264388	50508513	4 x 5	400	✓	✓	✓	✓			✓	✓	✓		✓	✓
Lycovit® 10% DC	10% lycopene, with gelatin	Powder	30075276	50825236	25	400			✓	✓					✓			
Lutein																		
Lutein 5% DC	5% free lutein, with gelatin	Powder	30267108	51843209	25	400			✓	✓	✓	✓			✓			
Xangold® 10% CWD NH ⁷	10% lutein ester, with fish gelatin	Powder	30695676	50570663	25	100			✓ ⁷	✓	✓	✓			✓	✓	✓	✓
Xangold® 15% ⁶	15% lutein ester, suspension in soybean oil	Oil	30528305	50241145	10	240	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Xangold® 15% OLV EU	15% lutein ester derived from organic marigold flowers, suspension in olive oil	Oil	30600259	50369090	10	240	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Xangold® 30% OLV EU	30% lutein ester, suspension in olive oil	Oil	30600954	50369645	10	90	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Beverage Stabilizers																		
Divergan® F	Single-use PVPP stabilizer	Powder	30034969	50116237	20	360	✓	✓	✓	✓			✓	✓		✓		
Divergan® RS	Regenerable PVPP stabilizer	Powder	30034968	50116236	20	180	✓	✓	✓	✓			✓	✓		✓		

Abbreviations	
BG	Beverage grade
CWD	Cold water dispersible
DC	Direct compressible
FG	Food grade
GFP	Gelatin-free product
HP	High potency
IU	International Units
MCT	Medium Chain Triglycerides
SD	Spray dried
F/O	Fish gelatin/orange
/O	Orange
/R	Red
/Y	Yellow
DS	Dietary Supplement
Qty	Quantity

Betatene®, Divergan®, Lucarotin®, LycoVit®, Xangold® and other registered trademarks are owned by BASF Group.

*Universal formula: This product can be marketed universally in all major countries and for multiple applications. In addition, the product meets all of the following criteria: vegetarian, kosher, halal, non-GMO labeling, allergen-free, gluten-free.

1. Product details including minimum content of active substance as well as relevant information to product composition, features, properties and use.
2. Major application based on our experience. Other applications may be possible.
3. According to International Standard ISO 23662 on definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims. Vitamin D3 is synthetically produced using cholesterol as starting material that is obtained from wool grease. Therewith vitamin D3 is suitable for a vegetarian diet according to the requirements as stipulated in the International Standard ISO 23662.
4. No labeling requirements regarding allergens according to regulation (EU) No 1169/2011 (as amended) and the US Food Allergen Labeling and Consumer Protection Act (FALCPA).
5. No ingredients used containing gluten. However, products are not explicitly tested on gluten.
6. PCR-negative, derived from genetically modified vegetable oil.
7. Contain fish gelatin, which requires labeling according to the US Food Allergen Labeling and Consumer Protection Act (FALCPA)
8. Main / active ingredient originating from plants (including vegetables, fruits, whole grains, nuts, seeds, mushrooms and algae). May contain formulation ingredients not from plants.
9. Main / active ingredient originating from natural materials. May contain formulation ingredients not matching "natural" definition.
10. Calcium D-Pantothenate Pharma, Vitamin D3 1.0 Mio IU/g Pharma, DL-alpha-Tocopherol and Vitamin E Acetate Pharma is marketed as API in all countries in which regulatory EU documentation (CEP, ASMF) is accepted; a US drug master file is not available.
11. For your applications requiring pharma documentation (e.g., GMP certificate, ASMF and CEP), please refer to our pharma grade product "Vitamin E Acetate Pharma".

Note: National regulations may vary and need to be considered prior to product use.