

## Quality certifications

Impact Ingredients believes high quality management systems, transparency and the drive to continuously improve throughout the value chains are the fundament of trustworthy sustainable partnerships. The result should be to offer product solutions with an impeccable quality/price ratio that are valued by their partners throughout the world and will not only be always up to date following product regulations, but go even beyond those. For example, for all of Impact Ingredients solutions they have a very high focus on contaminants management eg to maintain very low levels of 3-MCPD and Glycidol esters in line with the EFSA standards.



Of course, Impact Ingredients works with partners that have the highest and up to date Food Safety Quality Management Systems [FSSC/ISO] and all the plants are both Kosher and Halal certified. Moreover and if applicable they ensure to have FDA GRAS and Novel Food approvals and registrations in place.

## Sustainable solutions

Impact Ingredients believes the essence of sustainability is to ensure longterm value throughout the value chain in combination with longterm effective contribution to the United Nations Sustainable Development Goals it will be able to have a positive impact on:



Impact Ingredient's fish oil solutions only come from sustainable certified fisheries and if possible only from MSC certified ones. Next to this, the MCT oil solutions from palm oils are all available as Mass Balance (MB) RSPO sustainable.



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# Making a difference for Life

## No 1 in Infant and Medical nutrition specialty fish and vegetable oils

- ✓ Your long term partner in healthy and functional oils
- ✓ 30+ years experience in the infant and medical nutrition markets
- ✓ Impeccable product quality and a high flexibility in batch and packaging sizes
- ✓ Fix your fatty acid profile with tailor made blends
- ✓ Focus on innovation and continuously improving sustainability

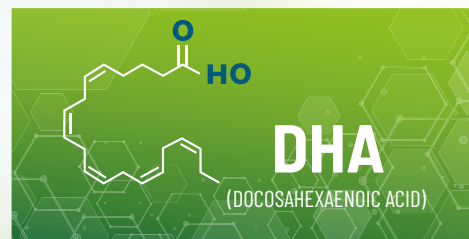




# Making a difference for Life

With our innovative solutions from the very best and sustainable global supply chains in specialized ingredients we aim to ensure healthy and high quality foods for everyone.

## PureIMPACT™ DHA

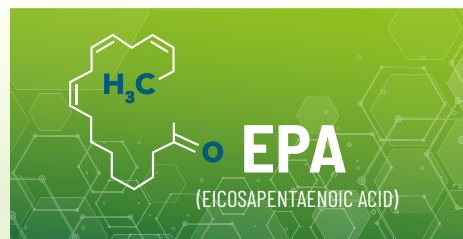


DHA as an individual Omega-3 fatty acid is mainly linked to brain and eye development and thus linked to Infant (Early life) nutrition as well as to Adult nutrition eg for pregnant women and elderly.

Impact Ingredients has developed the following high quality Impact DHA Omega-3 products. All DHA Algae solutions are non GMO and produced without the use of any solvents:

- DHA Algae (*Schizochytrium sp.*) oil infant and adult grade (min. 40% DHA), winterized and non winterized.
- DHA Algae (*Schizochytrium sp.*) powder adult grade (min. 18% DHA).
- DHA Algae (*Schizochytrium sp.*) powder infant grade (min. 20% DHA).
- DHA Fish (*Tuna*) oil infant and adult grade (min. 25% DHA).
- DHA Fish (*Tuna*) powder infant and adult grade (min. 7% DHA).

## PureIMPACT™ EPA

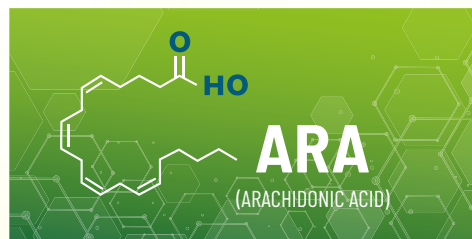


The positive health benefits of the Omega-3 fatty acid EPA following scientific studies are mostly linked to heart and cardiovascular health. This ingredient is mostly used in Adult nutrition like in Medical nutrition and Dietary supplements.

Impact Ingredients objective has been to develop the best quality Medical grade EPA Omega-3 oils. All our EPA Algae solutions are non GMO and 100% vegan:

- Natural Algae EPA (*Nannochloropsis sp.*) which provides for greater than 20% EPA plus other valuable fatty acids in their naturally occurring polar lipid forms (both phospholipids and glycolipids).
- Algae EPA/DHA blends (*Nannochloropsis sp.* and/or *Schizochytrium sp.*) in both oils and oil powders of various percentages.
- EPA Fish (*Anchovy/Sardine*) oil adult grade (18/12 EPA/DHA).

## PureIMPACT™ ARA

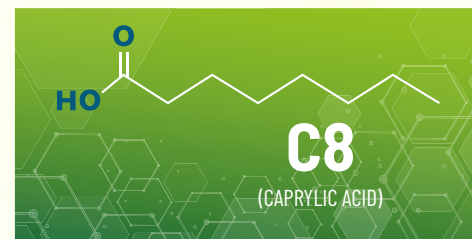


Scientific studies show the Omega-6 fatty acid ARA is vital for the general development (and brain and eyes specifically) and growth of infants as well as activating a healthy immune system. ARA is recommended to be added to infant formula with at least equal amounts to that of DHA.

Moreover, the supplementation of ARA have also gained popularity in Adult nutrition for their supposed benefits to help heal and restore the function of damaged tissues after strength training and bodybuilding, and because of it's important role in boosting the immune system. Impact Ingredients has developed the following high quality Impact ARA Omega-6 products:

- ARA Fungal (*Mortierella alpina*) oil infant and adult grade (min. 40% ARA).
- ARA Fungal (*Mortierella alpina*) powder infant and adult grade (min. 20% ARA).

## PureIMPACT™ MCT



MCT oils are medium-chain triglycerides, a form of healthy saturated fatty acids and one of the most easily digested, utilized and protective fatty acids. Therefore, MCT products are used in Infant formula for special medical purposes (FSMP's) linked to disturbances of digestion and absorption as well as for premature babies.

MCT is also used in Medical nutrition for people with maldigestion and/or malabsorption and also in Sport nutrition and in ketogenic diets (eg in "bulletproof" coffee). Impact Ingredients MCT product solutions are among the purest in the market, not blended with any other oils and produced without the use of any chemicals, solvents and/or catalysts-enzymes:

- P(K)O based MCT's infant and adult grade: 60/40, 70/30 and C8 (all MB RSPO certified).
- RSO/CNO based MCT infant and adult grade: 60/40.
- 100% CNO based MCT's infant and adult grade: 60/40 and C8.
- MCT powder products infant and adult grade, currently under development.



## Impact Oil Blends



All Impact Ingredients product solutions can be blended into tailor made fixed fatty acid profiles following their partner customers needs. This allows them to use the right combination of added value solutions with the benefit that they do not need to dose them separately in their factories producing the final product(s).

Moreover, as the oil product solutions are very sensitive to oxidation at higher temperatures and/or when in contact with air (oxygen), one does not want to leave the high quality packaging open (and lose the nitrogen blanketing) after only using part the product. Therefore, apart from offering tailor made blends we also offer a high flexibility in batch and packaging sizes.

Please contact us to discuss and implement your own Impact Oil blend solution.

## Impact Cosmetic Oils



Impact Ingredients offers a wide range of specialty vegetable oils specifically for the Cosmetic market. The crude oils are carefully selected from longterm trusted partner suppliers and processed to very high quality fully refined oils. Please find below the existing Impact Cosmetic oil solutions. They can also be blended into tailor made oil products as well as new product solutions can be added following partner customer needs.

- |                         |                      |
|-------------------------|----------------------|
| • Apricot kernel Oil    | • Coriander Seed Oil |
| • Olive Oil             | • Rosehip Oil        |
| • Sesame seed Oil       | • Macadamia Seed Oil |
| • Rice Bran Oil         | • Avocado Seed Oil   |
| • Blackcurrent Seed Oil | • Corn Seed Oil      |
| • Passionfruit Oil      | • Wheat germ Oil     |
| • Jojoba Seed Oil       | • Echium Seed Oil    |