



WE ARE NOT DOOMED!

January 1988: the latest edition of the Economist hits the news stand. A special report on Ireland; its cover features a woman and child begging on the street as a man walks swiftly by. Headlined 'Poorest of the Rich', it's a stark, and none-too-subtle, evocation of the country's perilous economic state at a time when nobody could conceive of a Celtic Tiger, let alone dream of one. Life wasn't all bad however!

In that same year, Ireland's soccer team qualified for the Euro '88 soccer championship. Their opening game against England was a famous 1-0 victory and, by the way, England have not managed to beat Ireland in the 6 competitive matches since then!

More cause for joy: 1988 happened to be a good year for wines of Bordeaux and Pomerol especially - my favourite! A decent bottle of 1988 vintage Pomerol currently sells in merchants at about €1,500. So if anybody is stuck for gift ideas for me - look no further!

And, not least of all, September 1988 saw the inception of Camida. The company was founded then following my departure from BASF in 1987, after 10 years with them. So we are just about 27 years old.

In view of my opening lines above; 1988 may not have been the most appropriate time to launch a new company from scratch. I have always believed, however, that if ventures are approached correctly with a high service ethos and attention to detail, then success will follow. The 1988 forebodings of doom and gloom remind me of the warnings I received prior to moving from the UK to Ireland in 1977; 'You shouldn't risk that - there are no jobs here'.

This never made sense to me and I always retorted with my genuine belief: 'But I only need one job - there must be one there!?!'

LUCKILY FOR ME - I FOUND ONE!

THE CAMIDA EFFECT...

At the Beginning...



The Present...



The Future / The End???



...newsflash ...newsflash ...newsflash ...newsflash ...newsflash ...newsflash ...newsflash ...newsflash ...news
.. MADRID, SPAIN ...VISIT US AT CPHI ... HALL 7, STAND # 7K17 13-15
OCTOBER 2015 ... IFEMA - FERIA DE MADRID, MADRID, SPAIN... VISIT US.
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CAMIDA'S COMMUNITY INVOLVEMENT

Camida has continued to support the local community throughout 2015 with several ongoing projects.

Scoil Ruain

The 2014/2015 Camida Academic Scholarship was awarded to Kevin Hickey, who hopes to study Primary School Teaching. The Scholarship provides support to a student during their first year in 3rd level education. The recipient of the Scholarship is selected through an application and interview system.

The 2014/2015 Camida Student of the Year was awarded to Rebecca O'Gorman who was chosen by her teachers for her contribution to the school and her achievements from enrolment through to 6th year.

Last year's recipient Luke Brabazon is going into his second year of Film and TV Production in the Dun Laoghaire Institute of Art, Design and Technology. Luke was extremely grateful for the scholarship which he put to good use during his first year... *"One of the many hard lessons of leaving home for college is that you have to pay for a lot more than before. As my parents both work for charity, being able to pay for everything was a big concern of ours. College fees, rent, general living expenses, transport... It adds up.*

With my first year almost complete, I can safely say that the grant from Camida helped immensely in lessening the financial burden of college."



Pictured with Kevin Hickey and Rebecca O'Gorman are Deirdre McGrath (Company Secretary) and Maurice Healy (Director) of Camida.

CLONMEL
JUNCTION
FESTIVAL

Junction Festival

This year, the Junction Festival celebrated its 15th year. Camida sponsored 'The Man in the Woman's Shoes' written and performed by Mikel Murfi. The play, set in October 1978, follows Pat Farnon and the characters he meets along the way as he walks the five miles from his cottage to the town to do 'some business'. The play has been performed to critical acclaim since 2012 and Murfi performed to a sold out theatre in Clonmel where the show was very well received.



Tipperary Swim Team

The Tipperary Swim team made it through to the all-Ireland Community Games final which took place in August in Athlone. Camida were proud to show our support for the event by sponsoring t-shirts for the team.

Camida continues to support both local and international fundraising events.

OIL AND COLOUR CHEMIST'S ASSOCIATION

Camida are very proud and excited to join The Oil and Colour Chemist's Association (OCCA).



Established in 1918, OCCA is a vibrant and broad-based international organisation that has evolved and moved with the times over its almost 100 years in existence. As an organisation run by its members, for its members, OCCA gains greatly from such collective energy and enthusiasm. Members work together to devise and develop local programmes and major events and contribute to the management & running of the organisation in a number of ways.

Camida will be featuring in the corporate sponsorship page of the next issue of Surface Coatings International so please keep an eye out for us.

BIO SPECTRA

Offering the Purest, Safest and Most Traceable Pharmaceutical Excipients and Active Pharmaceutical Ingredients

The global network of chemical manufacturers that supply ingredients to the Pharmaceutical and Biopharmaceutical industries is vast. Regulatory agencies like the European Medicines Agency and the U.S. Food and Drug Administration have worked to provide oversight and governance to ensure patient safety by providing directives and regulations aimed at protecting the security of the supply chains that serve these industries. BioSpectra is an organisation that understands the need for supply chain security and has built the Business Model and Quality System to accomplish that, and more.

In 1994, with a vision to produce the first "Quality System Compliant" Life Science Intermediates, BioSpectra was started. After extensive laboratory development, BioSpectra commenced operations and developed their first line of GMP Biological Buffers in 1996. By 2001, the demand for BioSpectra's products was well established in the market and revealed the need to secure a larger manufacturing plant. With a commitment to market innovation, BioSpectra designed and built the processes to manufacture Excipients and Life Science Intermediates to conform to IPEC and ICH-Q7 guidelines.

Fast forward to today; BioSpectra has once again demonstrated its commitment to patient safety and market innovation with their latest contribution to the Pharmaceutical and Biopharmaceutical industries. Located on a 34-acre campus in Bangor, Pennsylvania, BioSpectra has expanded their product offering by introducing a new line of ICH-Q7 compliant Pharmaceutical Excipients and Active Pharmaceutical Ingredients.

While some organisations are just now working to build a "Culture of Quality," to satisfy their regulatory compliance, BioSpectra established and advanced the standard as evidenced by their founding vision and their higher compliance product offerings. BioSpectra promotes the importance of regulation and patient safety by offering their products in five different grades to support the suitability requirements based on the products' intended end use. With so much at stake, BioSpectra believes that the time has come for all chemical manufacturers to do likewise.

Commitment to patient safety will continue to be the focus of the regulatory agencies that provide oversight and governance to the Pharma and Biopharma industries. Each one of us has an opportunity and responsibility to be an active participant in patient safety by protecting the security of our respective supply chains. By doing this, we ensure that we are doing everything possible to conform to the highest quality standards. The choice is yours...how will you decide?

For further information on BioSpectra, contact Katherine Burns or David Dempsey at Camida on +353 52 6125455

INNOVATION IN FLUORINE CHEMISTRY FROM DAIKIN

Fluorochemistry has many attractive properties for pharma and industrial applications such as its intrinsic oleophobic (lipophobic) and hydrophobic characteristics, and the extreme stability of C-F bond. However basic fluorochemicals are notoriously difficult to produce and handle due to their highly reactive and hazardous nature. Around 25% of new drugs contain organic fluorine, as do around 50% new agrochemicals.

Daikin, the global leader in advanced fluorochemistry have bridged this gap over several decades, taming this savage element with a wide range of products and technologies designed to deliver the performance demanded by chemical industries.

Daikin's approach to custom synthesis can be divided into two basic strands, namely building block and advanced fluorination technologies.

Daikin's Fluorination Capability

Reagents	Reactions	RH -> RF	ROH -> RF	RCO2H -> RF	RCO -> RF ₂	RSCH ₃ -> RSCHF ₂	RCO ₂ H -> RCF ₃
F ₂ F ₊		✓		✓			
SF ₄ F ₋					✓		✓
IF ₅ /Et ₃ N-3HF F ₊						✓	
CF ₃ CHFCF ₂ NEt ₂ MEC-81 F ₋			✓				
 MEC-31 F ₊		✓				✓	

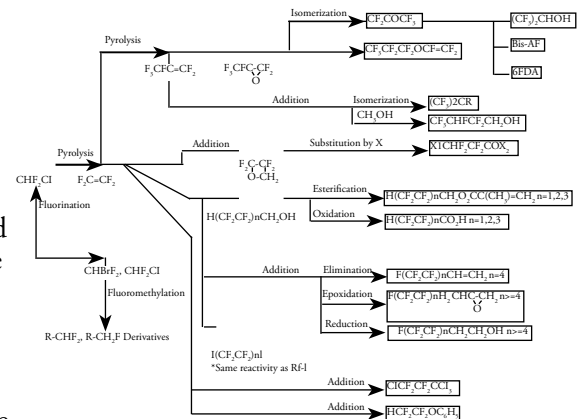
Daikin's Products Include:

- 2-(perfluorohexyl)ethyl methacrylate (C6SFMA)
- 2,2,3,3,3-pentafluoropropyl methacrylate
- 2-(perfluorohexyl)ethyl acrylate (C6SFA)
- 1H,1H-pentafluoropropanol (5FP)
- 2-(perfluorohexyl)ethanol
- (perfluorohexyl)ethylene
- 3-perfluorohexyl-1,2-epoxypropane
- Perfluorohexyl iodide
- 2-(perfluorohexyl)ethyl iodide
- 2,2-bis(3,4-anhydrodicarboxyphenyl)-hexafluoropropane (6FDA)
- 1,1,1,3,3,3-hexafluoro-2-methoxypropane (HFMOP)
- 2-(perfluorobutyl)ethanol
- 1H,1H,3H-tetrafluoropropanol
- 1H,1H,5H-octafluoropentanol
- 1H,1H,7H-dodecafluoroheptanol

Fluorination technologies, generally the preserve of fine chemicals markets especially pharma, involve selectively placing fluorine in specific sites to make the target molecule. Daikin's range of fluorination technology includes, but is not limited to, fluorination by F₂ gas, HF, SF₄ and proprietary fluorinating agents such as IF₅ complexes and the F series reagents encompassing both electrophilic and nucleophilic fluorination.

Recently SF₄ has become increasingly popular for difficult fluorinations, including conversion of certain carbonyl and other functionalities to difluoro groups.

The building block begins with standard fluoro-alkyl intermediates, particularly those based on perfluorohexane end group, hexafluoropropene compounds, and tetrafluoroethylene (TFE) and can be supplied as such or further reacted to make customised intermediates. These building blocks are already used by Daikin for our own performance products, such as oil and water repellents, polymers, surfactants and gases. In pharma and agro applications, fluorochemical intermediates are used mainly for their lipophobic properties. In industrial applications, they are used to improve chemical resistance, oil and water repellency (anti-stain, easy clean) and temperature stability. Typical industrial applications will include coatings and inks, plastics and industrial additives.



About Daikin.

Daikin Industries Ltd is a Japanese owned multinational corporation with turnover in excess of 16 billion Euro and over 56,000 employees worldwide. Daikin are global leaders in fluorochemicals and air conditioning, built on a culture of innovation and customer focus. The chemical division in Europe is managed by Daikin Chemical Europe GMBH, based in Dusseldorf.

For further information on Daikin, contact John McNeille or David Dempsey at Camida on +353 52 6125455

CAMIDA KNOW LECITHIN

Instantising Milk Powders with Lecithin has its challenges. Whether it is controlling the rate of hydration of a high protein powder or the rapid wetting of a high fat powder, the choice of Lecithin to improve the instantising properties of a powder is essential. As no one Lecithin resembles another, the importance of making the right decision cannot be overstated.

Camida wants to understand the application and customer needs to choose the Lecithin that suits the customer and your product. Wetting and flow-properties, flavour, colour, viscosity, GM status and many other properties must be adapted to the needs of the finished product. Camida will analyse your needs. Camida will tailor each approach to the individual processing plant and with over 40 years combined experience of Dairy across Europe, Camida will manage the process and, most importantly, add value to the customer's end product.

This service is provided by a dedicated and experienced team with in-depth technical and market knowledge and who deliver a customer focused approach to your business. So challenge Camida to find tailor-made solutions for you and your production.



**Please direct any enquiries about Lecithin to Camida's Joe Guiney on
+353 52 6125455 or joe.guiney@camida.com**

LYNDSEY MAUNSELL



I joined Camida in February as a member of the sourcing & technical support team. I work alongside David Dempsey in the Pharmaceutical and Life Science Division & Joe Guiney in the Food Ingredient's Division.

My role involves handling a broad array of sourcing enquiries, along with liaising with customers and suppliers.

MARIA WOODLOCK



I joined Camida in May as a member of the accounts team. Prior to this, I gained vast experience in the medical industry within Ireland.

My role now involves financial accounting for international trading. I am learning a lot about each industry and the company. Many thanks to all in Camida for making me feel so welcome.

“A PLACE TO BE”

Camida have always been part of the “fabric” of Clonmel and are dedicated to remain within the town centre. We are currently renovating these two fine (preserved) town houses into new offices.

There’s a bit of work to do yet!



By the way...

Our address
will remain
as-is. That is...

Camida,
New Quay, Clonmel,
Co. Tipperary, Ireland

