Inventec within the DEHON Group

Inventec, a DEHON group company: The family business, founded in 1874, began as a specialist in the processing and logistics of refrigerating gases. Today, the group is composed of three companies serving different markets:

• Climatic-refrigeration, air-conditioning and heating
• SMB Auto: fluids for cars
• Inventec: chemicals and services for high-tech industries

In 2009, the Dehon group, realised a turnover of 150 million Euro and has over 500 employees spread over three continents (Asia, Europe and America).

Inventec is 

[**In**]transигent in health and the environment protection, 
[**In**]novative - one new product created per quarter, 
[**In**]genious, 20 high level experts close to you and your processes over 3 continents,  
[**In**]ternational with its 10 subsidiaries and 9 industrial units.

Concrete examples of sustainable solutions implemented by Inventec:

• Over 1,500 substitutions of chemicals in highly technical processes in Europe, Asia and North America. This concerns areas as diverse as the cleaning of luxury watches, cleaning of liquid oxygen pipes in the aeronautics industry, lead-free soldering, foam expansion, aerosol formulations etc... All these substitutions allowed to reduce considerably the risks linked to products and their use.

• Training for small and medium-electronics enterprises in Thailand and Malaysia to stop using CFC’s in electronic cleaning.

• Participation in building regulatory texts (CFC’s directive, Kyoto Protocol, RoHS directive, REACH etc...) to define the position of medium and small enterprises and assist them in implementing these regulations.

• Over 50 engineering realisations for storing and distributing hazardous gas with the aim of achieving safe use and a total compliance with regulations.

• A programme of reclaiming and reprocessing of very polluted SF6 in high-voltage circuit breakers, preventing long time emission of 1.5 Mt eq.CO2.

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Our activity

To formulate, to package, to distribute, to store and to market raw materials such as:

• Our brand “NovaSpray” for aerosol propellants
• Our brand “NOVEXPANS” blowing agents for polyurethane foam
• Intermediates for chemical synthesis.

To supply raw materials according to your specifications within the best-time.

To ensure a secured products implementation adapted to your packaging installations and your manufacturing processes.

To work together by respecting Environment through our eco-programme.

To defend your interests as a member of professional associations such as CDA, FEI, CEFC, FIEC and UKC.

Our products

A wide range of products controlled by our laboratories, flammable or not, delivered pure or blended:

<table>
<thead>
<tr>
<th>Raw material</th>
<th>Blend</th>
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</thead>
<tbody>
<tr>
<td>propane</td>
<td>HFC 134a/MAE</td>
</tr>
<tr>
<td>isobutane</td>
<td>HFC 134a/M11b</td>
</tr>
<tr>
<td>isobutene</td>
<td>isopropene/isobutene</td>
</tr>
<tr>
<td>cyclopentane</td>
<td>n-isobutane/isobutene</td>
</tr>
<tr>
<td>dimethyl ether (DME)</td>
<td>isopropene/isobutene</td>
</tr>
<tr>
<td>HFC 152a</td>
<td>n-propene/isobutene/isobutene</td>
</tr>
<tr>
<td>HFC 155</td>
<td>1-butene/propane</td>
</tr>
<tr>
<td>HFC 156a</td>
<td>n-butene/propane</td>
</tr>
</tbody>
</table>
| HFC 156ca    | HFC 156ca+
| HFC 156ca+   | HFC 156ca+ |
| HFC 156ca++  | HFC 156ca++ |
| HFC 156ca++  | HFC 156ca++ |
| HFC 156ca++  | HFC 156ca++ |
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| HFC 156ca++  | HFC 156ca++ |
| HFC 156ca++  | HFC 156ca++ |

Our packaging

A wide range of packaging:

• Bulks: up to 20 tons
• Containers: 9/10 and 2,356 liters
• Drums: 215 liters
• Cylinders: 26 and 88 liters
• Samples: 1 liter

Our cylinders are fitted with a double-phase valve. This new “membrane” technology limits the risk of leak and allows a gas or liquid phase outlet.

Our commitments

• To supply raw materials according to your specifications within the best-time.
• To ensure a secured products implementation adapted to your packaging installations and your manufacturing processes.
• To offer a range of packaging and storage installations suitable with for your needs and in compliance with your plant authorizations.
• To work together by respecting Environment through our eco-programme.
• To defend your interests as a member of professional associations such as CDA, FEI, CEFC, FIEC and UKC.

Our associated services

We have acquired know how and expertise in many fields:

Development and Applications

• Optimisation of formulations and substitutions
• Analysis (GC, MS, Karl Fischer...)
• fluorescence tests
• Tailor-made sampling
• Monitoring legislation: REACH, F-Gas, Decopaint, Biocides, etc.

Engineering

• Installation of distribution systems for containers or cylinders, enabling you to continue complying with plant authorizations.
• Installation of tailor-made storage for gases and liquids, whether overhead, underground, under slope
• Services: remote-monitoring systems, cradles for containers, leak detectors, easy connectors, etc.

Services

• Maintenance and regulation
• Tanks requalification
• Audit and expert assessments of your installations
• Training: regulation, safety, unloading operations, use and handling of dangerous substances, etc…

Waste treatment

• Collect of end of life packaging
• Recover of unused or contaminated products
• Unloading of refrigeration installations.

Our activity

Since 1864 we offer our expertise in storage and handling of dangerous products !