

# THE INTERNATIONAL LTL NETWORK FOR TEMPERATURE SENSITIVE PRODUCTS



**COLDCHAIN**

DHL COLDCHAIN offers fast, reliable and flexible solutions designed for the Life Science Industry

2 – 8° and 2 – 25° Celsius  
Keep Cool  
It's Life Science

**DHL**  
FREIGHT

# DEDICATED SERVICES FOR DEMANDING PRODUCTS

The life science industry increasingly demands for Europe-wide transport solutions which are able to guarantee product integrity. Being able to offer this, strengthens a global market position. Thus, DHL Freight has been developing the unique DHL COLDCHAIN network. With DHL COLDCHAIN we support our customers by efficient, flexible and most reliable transport solutions along the entire supply chain. By shaping this innovative solution across Europe, DHL Freight becomes the preferred logistics partner for the life science industry.

## Experience is our guideline

DHL comprises long-term experience and knowledge gathered by working for major life science companies for numerous years. We have been constantly listening to our customers in all major layers in the market sector, and learned their specific requirements and demands concerning transport solutions. Following these guidelines, we have developed the DHL COLDCHAIN services. DHL COLDCHAIN is a dedicated, fully monitored and temperature controlled LTL network offering the best possible treatment for sensitive products of this market sector.

DHL COLDCHAIN meets all requirements of the industry in terms of temperature control, security and handling.

Its services cover the range of refrigerated (2 – 8° Celsius) as well as controlled ambient products (2 – 25° Celsius).

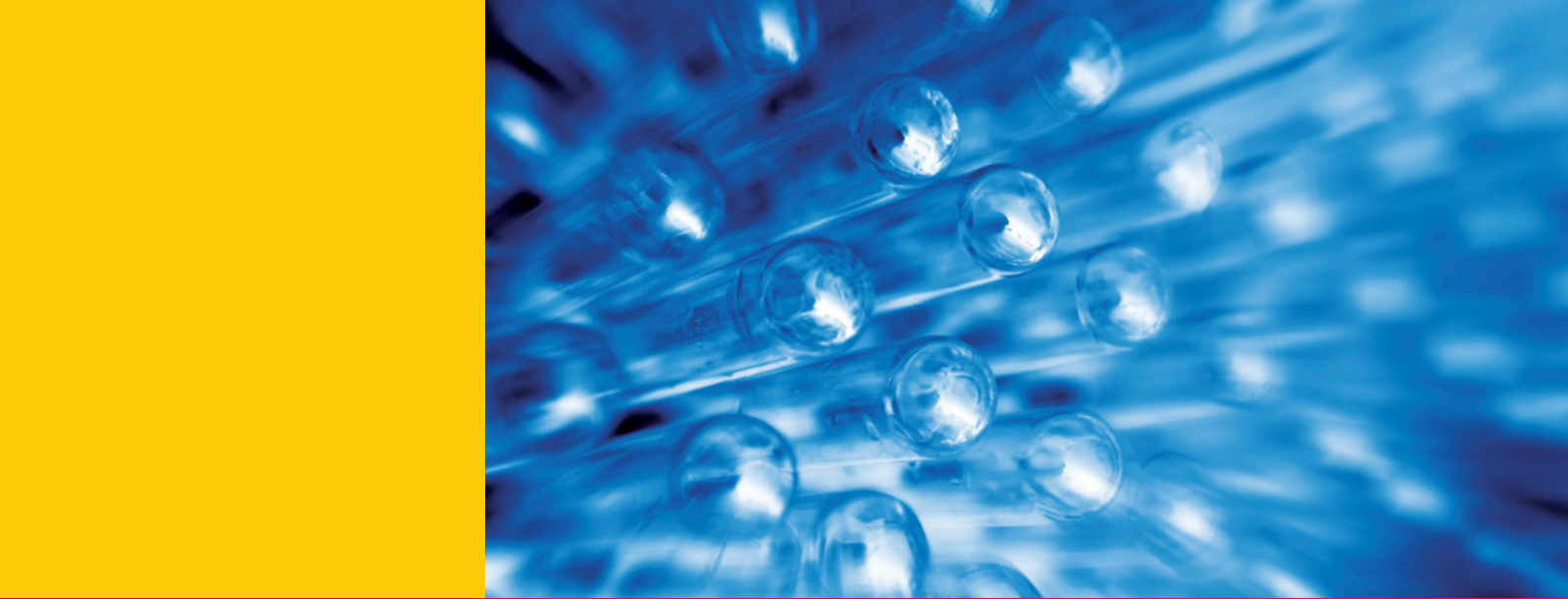
## International temperature controlled network

Throughout Europe, DHL Freight built the infrastructure for demanding products of pharmaceutical and life science industry. A fleet of refrigerated trucks is at your disposal at any time, and ensures the sensitive goods are constantly treated at the right temperature.

Throughout the journey, the temperature of the pharmaceuticals is continuously measured and transmitted via GPS. With our state-of-the-art IT tools, this allows each customer to track the status and temperature of all shipments during the entire journey. In addition, all warehouses and cross docking stations are specifically equipped to guarantee continuous temperature control. Of course, they meet all GDP requirements (Good Distribution Practice). In the extension of DHL Freight network of branch offices and

## Services

- Unique DHL COLDCHAIN network across Europe and beyond
- LTL consolidation service
- Temperature controlled services for refrigerated (2 – 8° Celsius) as well as controlled ambient products (2 – 25° Celsius)
- Top quality handling and security services
- GPS security surveillance
- Scheduled departures and deliveries
- Short lead times
- Central booking and administration
- Online tracking & tracing
- Temperature data recording



cross-docking stations, DHL COLDCHAIN provides the shortest possible lead-times. As an advantage, DHL COLDCHAIN is an LTL (less than truck load) service with fixed departure schedules. By these choices, our customers benefit from our flexibility and cost-effectiveness. Even for smaller volumes.

#### Quality and safety as top priority

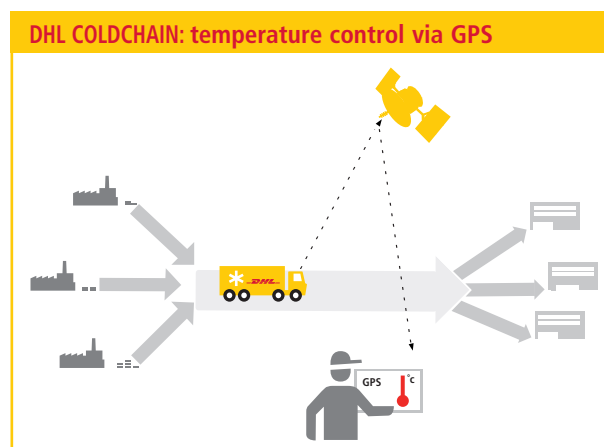
Quality and safety are our main focus. We are aware of the immense responsibility our customers feel towards their target groups – people in need of medical treatment. We want to share this responsibility by already operating a quality management system, certified according to ISO 9000 and ISO 14001. In addition we have been assessed accordingly by means of SQAS, the Safety and Quality Assessment System of the Céfic (European Chemical Industry Council). Not to say the least, we “live” the GDP guidelines and ensure all products stay in top quality within the entire transport chain.

#### Special Account Center Life Science

Always aiming to offer our life science industry customers the effectiveness in our services, DHL Freight has established a designated life science competence center in Basle, Switzerland. We have bundled the combined know-how for this market sector in the establishment, and a team of experienced transport experts is handling all the shipments within the DHL COLDCHAIN network. As a result, the network operates with high utilization and cost-effectiveness. The central booking and administration makes dealing with DHL Freight as easy and comfortable as possible, offering a single point of entry for all transport orders. Our consultants are available to our customers’ service,

and to develop individual concepts for specific needs and to answer all questions or issues they may have.

All these advantages make DHL COLDCHAIN the transport solution for the life science industry!



With DHL Freight’s sophisticated IT tools customers are able to track the status and temperature of the pharmaceuticals

#### Benefits

- Improved competitive position
- Cost-effective, highly reliable and safe transport solutions
- Utmost flexibility in terms of volumes, destinations etc.
- Status and temperature data of shipments available at any time online via the internet

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