



**SAFE STORAGE, SMOOTH OPERATIONS:
SPECIALTY CHEMICALS**

CASE STUDY

Handling speciality chemicals

Speciality chemicals serve vital functions in the Healthcare & Lifesciences field, encompassing diagnosis, treatment, research, and sanitation. The effective storage and handling of these agents are pivotal for the safety and welfare of both healthcare providers and patients.

Essential practices, regulations and considerations involved in storage within healthcare facilities must be assured by the logistics providers. By adopting robust storage protocols, they minimize risks, enhance efficiency, and maintain the highest standards of safety in the operations for Healthcare & Lifesciences worldwide.

Vertical

Healthcare & Lifesciences

Project type

Customized warehousing solutions for speciality chemicals

The main challenge

Managing complex storage logistics





Key metrics



customized packages
and shipping solutions



expert staff handling
the items



compliances and cold
chain integrity with varied
temperature zones

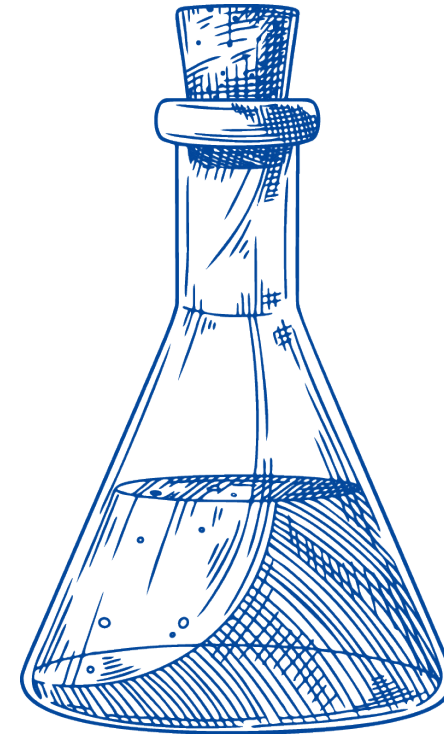


just-in-time delivery
accuracy for
all the products

How should specialty chemicals be stored?

Proper speciality chemical storage is of the utmost importance in healthcare warehousing. It requires not only caution but also particular know-how. Specialised logistics service providers must create customised solutions for healthcare and life sciences that combine efficiency and safety.

A provider's expertise and capabilities are focused on fuelling customer growth. By integrating advanced automation systems and implementing data-driven strategies, companies continuously aim to enhance efficiency, accuracy, and overall customer satisfaction.



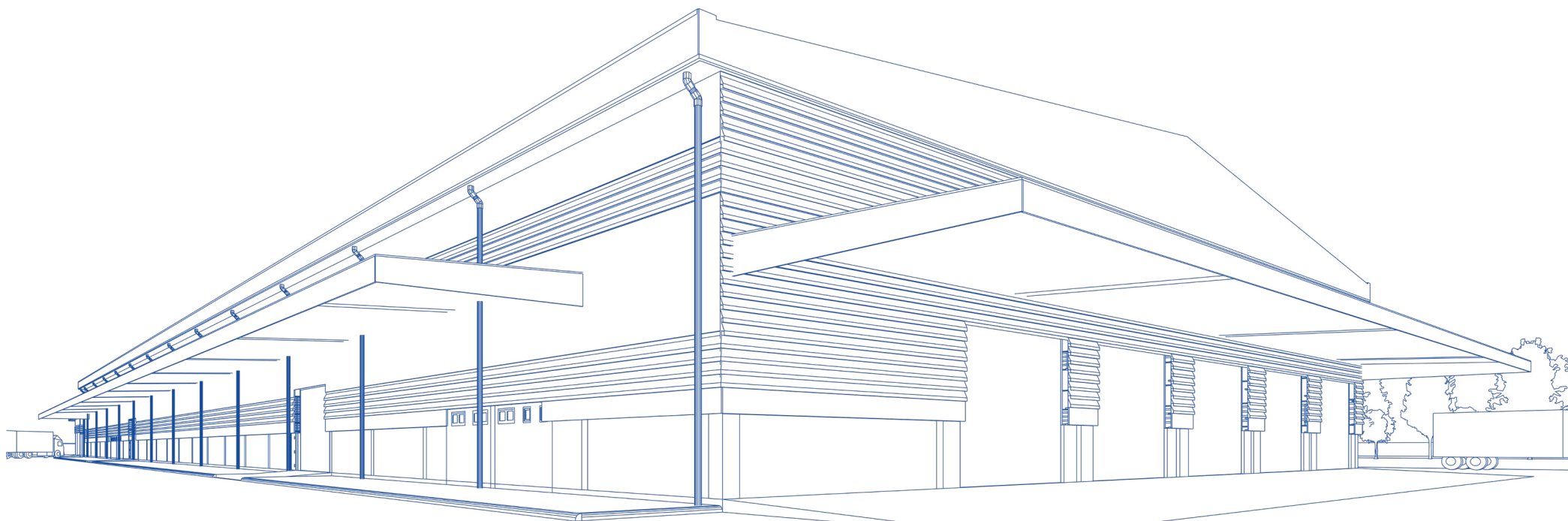
Commitment to precision and innovation should reflect the dedication to supporting the evolving needs of the industry and contributing to the advancement of patient care.

The challenges

Healthcare and Lifesciences companies must meet special requirements such as perfect inventory recording, reporting and accounting without manual error, and efficient order fulfilment. Similarly, the warehousing provider must be prepared to handle critical products. Challenges for speciality chemical storage in Healthcare & Life sciences may involve:

- Multiple vendors offering services across the supply chain
- Compliance and cold chain integrity with varied temperature zones
- Multiple warehouses increasing inventory levels across the network
- Proven record of HSE/safety-related processes
- Distribution in special packing
- A temperature-controlled environment
- Flexibility in storage capacity and volume handling
- IATA Certification
- Management of the National and Regional Distribution Centres





The answer can be to establish a dedicated compliant warehouse with cold storage and space optimization, and a dedicated Key Account Manager for handling specialized cargo.

Space confirmation can be guaranteed thanks to temperature-controlled air shipments and special gel packs & dry ice bags can be used for cold storage materials to maintain the temperature in transit.

For one of its customers, Rhenus has provided all the above and arranged door-to-door transport from Shenzhen and the US to Delhi and Mumbai. The customer has also benefited from our value-added services: Rhenus Warehousing Solutions has installed wrapping machines for pharmaceutical materials and special thermocool boxes.

A forward-thinking strategy for speciality chemicals

While storing chemical products in the Healthcare & Lifesciences industry, warehousing providers must comply with strict laws and regulations, such as:



It is paramount to ensure the quality, safety, and efficacy of healthcare products throughout the supply chain. Additionally, specific regulations such as those outlined by health authorities like the:

- Food and Drug Administration (FDA) in the United States
- European Medicines Agency (EMA) in the European Union

must be meticulously followed. This not only safeguards the integrity of healthcare products but also maintains patient safety and public health.

By closely monitoring all the relevant factors, the company can maintain product integrity and prevent potential quality issues, thereby safeguarding patient safety.

Rhenus' dedicated teams not only present possible warehousing solutions but also guide customers with market insights and advice. Local expertise backed by the global network can be helpful in creating a globally engaged workplace.

For our customers, we provide integrated logistics solutions, including Warehousing, Road Transport, Air and Ocean, Home Delivery or Office Systems. We also enhance our logistics solutions by offering various value-added services that have helped our customers by increasing supply chain efficiencies and cutting costs.

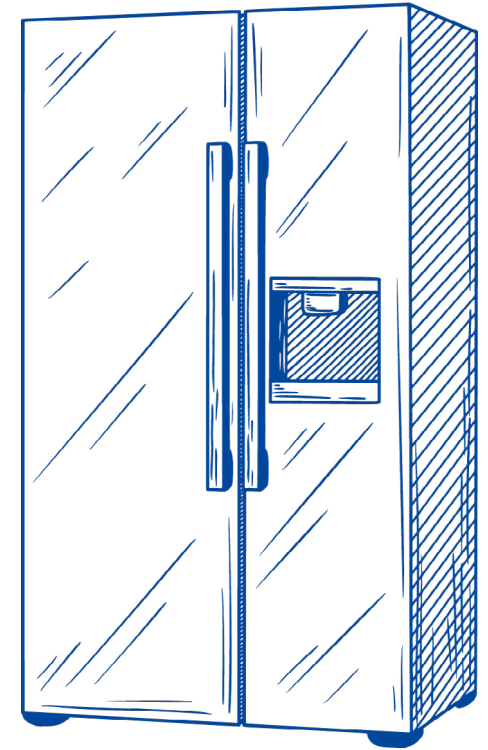
Strategies for handling specialty chemicals

The complexity of any solution is important in the Healthcare & Lifesciences industry. Thanks to the expertise and rich experience of Rhenus Warehousing Solutions, all our customers benefit from the tailor-made solutions we provide.

After starting cooperation with Rhenus, one of our customers:

- Carries out its Box-in Piece-out and Pick & Pack operations more efficiently while maintaining regulatory compliance with all special licences and certifications.
- Optimized its storage and inventory through the consolidation of small warehouses into one central warehouse carried out by Rhenus.
- Increased dispatch volumes without additional costs thanks to system-driven operations.
- Provides express pick-up from Shenzhen, Guangzhou and Dongguan to Hong Kong for both temperature controlled and normal shipments.





Navigating the shift in specialty chemicals storage

When it comes to storing speciality chemicals, safety and compliance are top priorities. It is crucial to meticulously follow the correct protocols for storage. With the right strategies and practices in place, they can be managed effectively, allowing companies to operate efficiently and responsibly while protecting their workers and the environment.

Ask about warehousing solutions for your business!

CONTACT PERSON

Yolonda Lawrence

Healthcare & Lifesciences Global Business Development Director

yolonda.lawrence@rhenus.com

