



# Cold Chain Management

Zuellig Pharma **Specialty Solutions Group** (SSG) is the pioneering regional consultancy and bio-logistic services division of Zuellig Pharma Asia Pacific, Asia's leading pharmaceutical and healthcare distribution company.

SSG leverages Zuellig Pharma's cutting-edge pan-Asian infrastructure to provide customized, valued added bio-logistic solutions for pharmaceutical, clinical trials, medical device, diagnostics and other related companies.



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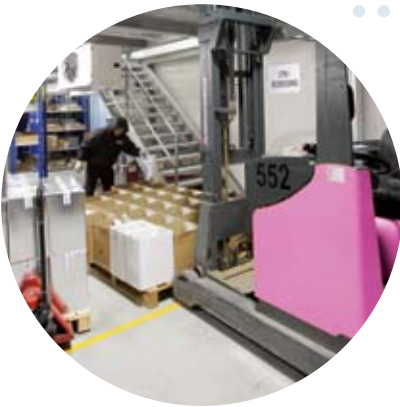
Specialty Solutions Group

# Cold Chain Reliability

SSG cold chain management offers seamless integrated flows from supplier to customer that ensures cold chain products are protected against adverse environmental conditions through visibility and monitoring. SSG fully recognizes that cold chain products demand full integrity throughout every stage of storage and transportation.

Our state of the art facilities offer temperature mapped, validated storage capacity and are equipped with comprehensive back up infrastructure.

We deploy the latest temperature control technology and data monitoring devices. Re-labeling and packaging services in a refrigerated environment are also available.



Standardized storage conditions provided:

- Refrigerated (+2 °C to +8 °C),
- Freezer (-25 °C and -70 °C)



## Service Features

SSG offers a complete range of validated packaging solutions for finished goods and investigational products. Our cold chain service features include:

- Pre-arrival customs clearance to avoid delays
- QA release of inbound shipments
- Validated and mapped warehouse facilities
- Tight TOR documentation
- Back up infrastructure for storage
- Pre-conditioning of boxes and ice packs
- In-transit temperature monitoring
- In-transit ice pack/ dry ice top-up
- Refrigerated trucking services
- Regionally validated insulated packaging solutions
- Regional cold-chain quality guidelines



Additionally, our extensive knowledge of import requirements across Asia, our own people on the ground plus the partnership with reputable transport providers enable fast and effective international customs clearance; reducing the risk of temperature excursion. At SSG product integrity and patient safety are paramount.

Zuellig Pharma's region-wide adapted cold-chain quality guidelines and repetitive training that our operation team members undergo ensures qualification and understanding of the techniques, pro-active measures and practices that cold-chain management involves.



# Connect with us to connect with Asia

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