

# ALKEGEN APPLICATION STORY



**Product Solution:** Biosoluble CryoTherm® and Biosoluble CRS Wrap®

**Industry:** Industrial manufacturing – Science and Technology

**Application:** Cryogenic Insulation for distribution & storage of liquified gases

**Location:** Europe

## Biosoluble CryoTherm® and Biosoluble CRS WRAP®

### BUSINESS CHALLENGE

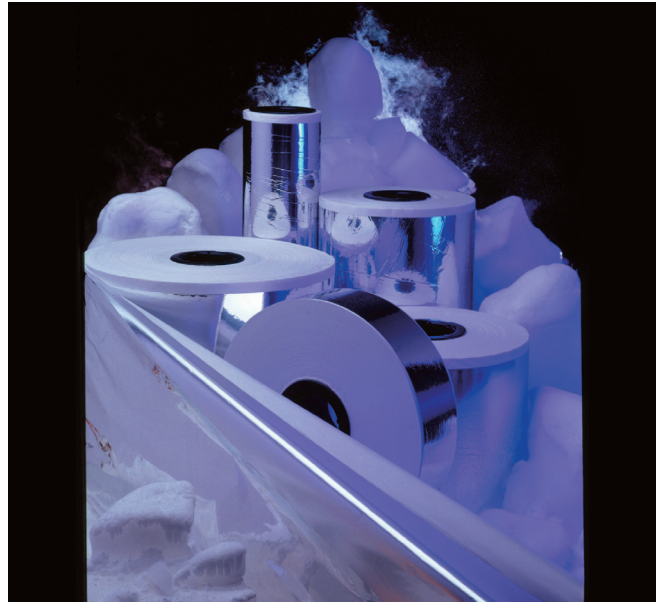
Typical Multi Layered Insulation (MLI) consisted of Aluminum foil collated with binderless microfiber glass spacer CryoTherm®. Traditional microfiber glass used in CryoTherm® is a respirable classified product presenting a carcinogenic hazard. European cryogenic OEM were expressing concern related to this hazard to it's workers.

### SOLUTION

We worked with our customers to fully understand their concerns and requirements. Based with that knowledge we worked with our supplier to develop a non-classified version of microfiber glass that is suitable for cryogenic insulation.

### BENEFITS

This new addition to our Cryogenic insulation portfolio allowed us to address the raw material health and safety concerns of cryogenic vessel and piping manufacturers without sacrificing performance. This new product is the first cryogenic insulation available using non-biopersistent glass microfibers. Since then we transitioned vast majority of our European customers to this product.



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