



Cryopak

Protecting the essentials we all need

Cryopak Eco Gel™: Pioneering Sustainable Refrigerant Solutions





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PRODUCT OVERVIEW

Cryopak Eco Gel™ marks a major step forward in cold chain logistics, providing a green **environmentally responsible** alternative to conventional refrigerants. This white paper explores the product's distinctive characteristics, like its biodegradable and recyclable nature and FDA approval, highlighting its contribution to furthering sustainable operations in diverse sectors.

INTRODUCTION

Gel packs can be used for products requiring temperature control such as – pharmaceuticals and life-sciences products, meat and seafood, and perishables. Recent studies indicate that over 70% of consumers favor environmentally friendly products,

highlighting the critical need for sustainable solutions in the current market.



Over 70% of consumers favor environmentally friendly products

Cryopak, a leader in innovative temperature controlled solutions, has been at the forefront of developing eco-conscious products, contributing significantly to **reducing the industry's ecological footprint.**

Eco Gel™'s journey began as a **response** to the rising demand for sustainable controlled-temperature needs. After years of research and development, this innovative product was created.



COMPOSITION

Cryopak Eco Gel™ is made from a proprietary blend of **natural, biodegradable materials**, ensuring minimal environmental impact. The gel maintains consistent temperature control, is resilient across multiple uses, and is engineered for maximum and is designed for optimal performance in diverse weather conditions.



COMPARISON WITH TRADITIONAL PACKAGING

Compared to conventional refrigerant gels, Eco Gel™ reduces environmental impact through its biodegradable and recyclable nature, showcasing superior sustainability.



ENVIRONMENTAL BENEFITS

Keywords – **Biodegradability and Recyclability.** Unlike traditional gels, Eco Gel™ breaks down harmlessly in the environment and can be recycled, significantly reducing landfill waste.



SAFETY FEATURES

Eco Gel™ meets all FDA requirements for direct and indirect contact with food and pharmaceutical products. The non-toxic nature of the gel makes it safe for a wide range of applications, reducing risks associated with chemical-based refrigerants.



VERSATILITY

Eco Gel™ offers **reliable and safe temperature control** across a wide range of climates, maintaining



Photo of back of an Eco-Gel Pak bag

effectiveness in temperatures from 0°C to 8°C. This makes it suitable for diverse applications requiring careful temperature management, from pharmaceutical transportation to perishable food shipments.



GARDEN BENEFITS

When used as a soil additive, Eco Gel™ can improve water retention and soil health, enhancing plant growth. Check the detailed guidelines on how to incorporate spent Eco Gel™ into garden soil are provided, promoting sustainable disposal.

With a surge in consumer preference for green products, Eco Gel™ is well-

positioned to become the preferred choice for sustainable packaging solutions.

CONCLUSION

Cryopak envisions a future in which sustainable packaging is the norm, not the exception, with Eco Gel™ at the forefront of this transformative shift.

Cryopak invites everyone to join its community for more insights on sustainable practices, cultivating a collective movement toward a greener future.

Biodegradability and Recyclability.
Eco Gel™ breaks down harmlessly significantly reducing landfill waste.



Eco Gel™ is made using natural materials that can be composted. The plastic bag is recyclable.

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