

DuPont

DuPont is a global leader in supplying propellants for consumer, industrial and pharmaceutical aerosol products. However, DuPont provides more than just the propellant that goes into a can. DuPont has over 200 years of science, technology and safety expertise that provides customers with quality products and innovative solutions.

The family of DuPont™ Dymel® propellants provide versatility, performance and safety for aerosol packages, balancing regulatory compliance with proven product performance.

Dymel® propellants can be blended together, or with hydrocarbons, for effective delivery of water and solvent-based products in consumer and industrial products. Dymel® A (DME) enables VOC reduction by allowing replacement of VOC solvents with water. Dymel® A has high water solubility and has great solvency. Dymel® 152a (HFC-152a) is classified as a non-VOC, allowing direct replacement of VOC ingredients. It meets strict air quality standards with a dry, high-performance spray. In addition, Dymel® 152a has a low heat of combustion that can reduce warehouse storage costs.

DuPont also offers two pharmaceutical grade propellants, both with Drug Master Files submitted worldwide. Dymel® 134a/P (HFA-134a) and Dymel® 227ea/P (HFA-227ea) provide safe, non-flammable alternatives to CFCs, with the necessary physical properties. Dymel® 134a/P resembles CFC-12; historically the most widely used pharmaceutical aerosol propellant for Metered Dose Inhaler (MDI) applications. Dymel® 227ea/P has similar properties to HFA-134a, but has a lower vapor pressure and can be used to lower the pressure of HFA-134a-based formulations.

DuPont Dymel® pharmaceutical propellants are manufactured in separate cGMP facilities that are dedicated solely to their production. The propellants are offered and sourced worldwide and both Dymel® 134a/P and Dymel® 227ea/P are commercially used in pharmaceutical products in inhaled and topical applications.

DuPont brings its unparalleled technical capabilities and support to the propellants customer, providing not only expertise in fluorochemicals but access to broader resources in related fields such as particle science technology, toxicity, and pharmaceutical and cosmetic packaging.

DuPont was recently awarded U.S. patent number 7,000,000 from the U.S. Patent and Trademark Office. In all, over 33,000 patents have been awarded to DuPont.

Key Personnel

Esther Rosenberg - Global Market Manager Dymel® Propellants

John Leuszler - Account Manager Dymel® Consumer Industrial Propellants

Janet Ludert - Segment Leader Dymel® Pharmaceutical Propellants

Products or Services Offered

DuPont Dymel® is the world standard of excellence for the highest quality and most reliable aerosol propellant. Our products are in demand all over the world because DuPont Dymel® Propellants meet the U.S., EU and other regional regulatory requirements. DuPont has knowledge of regulations, technology, and the marketplace. We are constantly adapting our products to meet the ever-changing regulatory landscape in our role as a world class supplier.

DuPont offers a vast array of technical, engineering, safety and product stewardship resources to our customers. DuPont owns and operates our own facilities and manages our own compliance. Dymel® propellants are shipped worldwide in containers ranging in size from 55 kg to 20 metric tons.

Markets Served

Consumer, Industrial and Pharmaceutical applications.

DuPont

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The miracles of science™