BASF
We create chemistry

Ibuprofen DC 85 W

Direct compressible grade for improved processability

While granulation is the traditionally preferred method of making tablets, manufacturing today is often done via direct compression, where tablets can be created practically straight out of a drum.

At BASF, we have over 25 years of experience working with powder grade ibuprofen. Now our world-class experts have channeled this expertise into **creating the all-in-one Ibuprofen DC 85 W**, which is **designed and optimized for your manufacturing ease**.

With international technical, regulatory, and quality support teams, as well as consistent supply, we at BASF aim to help in every step of your ibuprofen journey.

Inspiring Medicines for Better Lives
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BASF_Pharma BASF Pharma Solutions

MarComm-2022-00195

Key benefits of Ibuprofen DC 85 W

- ✓ Shortens production time by 40 – 70 %
  – Avoids granulation process
  – Fewer manufacturing steps
  – Less time dedicated to testing individual raw materials
- ✓ Patented formulation has better flowability compared to standard grades and minimizes stickiness during production
- ✓ Fault-free tablets that allow for excellent engraving
- ✓ High drug concentration results in reduced excipient costs and up to 41 % smaller tablets
- ✓ Excellent for combination therapies
- ✓ One-step process: weigh and compress!

Product details

	Ibuprofen DC 85 W
Chemical name	(±)-2-(p-Isobutylphenyl)propionic acid
Composition	Ibuprofen 50, microcrystalline cellulose, colloidal silicon dioxide, croscarmellose sodium
CAS number	15687-27-1 (Ibuprofen)
Manufacturing site	Holland, MI (USA)
Packaging size	50 kg
PRD number	30526498
Article number	50192890 (50 kg), 50192933 (2 kg)
Regulatory status	US-DMF available

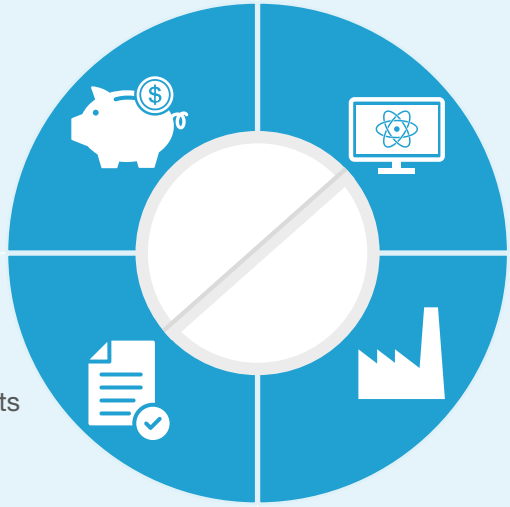
Regulatory information: The Ibuprofen used to manufacture Ibuprofen DC 85 W meets the current Ph. Eur., USP, JP and IP monographs. A Technical Package and a US-DMF are available.

Purchasing

- ✓ Simplifies sourcing and ordering activities
- ✓ Less inventory with one ingredient
- ✓ Accelerates supplier qualification

Quality & regulatory

- ✓ Uses monographed excipients
- ✓ Advantages of all-in-one products (less Quality Control analysis, handling, and documentation)
- ✓ Minimizes testing expenses



Product development

- ✓ Simplified R&D process (Quality by Design)
- ✓ Formulation predictions in ZoomLab™
- ✓ Shortens time-to-market

Manufacturing

- ✓ Intended for direct compression
- ✓ Decreases complexity (weighing, dispensing, and documentation)
- ✓ Streamlines processing

Key customer benefits

Supply reliability	■ Global distribution network from a high-quality manufacturing site in North America
Manufacturing	■ Manufactured from ibuprofen intermediates sourced from BASF's plant in Bishop, Texas ■ Continuous investment and improvements to the Bishop site to optimize and increase process efficiency
Sustainability	■ Eco-friendly ibuprofen intermediate manufacturing process* – Catalyst/solvent recovery and recycling – No metal-containing aqueous waste
BASF Virtual Pharma Assistants	■ Regulatory documentation available upon request in **RegXcellence®** ■ Product details available via **MyProductWorld** ■ Virtual formulation assistance available via **ZoomLab™** ■ Full pharma regulatory documentation and submission support. Sign up to access these services at **virtualpharmaassistants.basf.com**

* Product carbon footprint information from reviewed LCA methodology according to ISO standards is available upon request.

Exceptional quality & regulatory support

The Pharma Solutions Regulatory Team has a global and regional presence with a decades-long track record of enabling our Pharma customers to register finished drug products worldwide. We do this by efficiently offering high-quality expert solutions through proactive and transparent communication.

Our global Quality Team supports our customers worldwide with regards to any quality-related questions.

A regional footprint secures quick and regional-specific solutions in alignment with global standards for topics like audits, statements and complaints.

In close exchange with authorities and international associations, we are constantly improving our quality systems to provide the best service to our customers in more and more demanding markets. For this purpose we cooperate closely with the production sites and ensure GMP-compliant production and testing in accordance with the latest requirements of the pharmaceutical authorities.

Access to standard quality and regulatory documentation is now more efficient than ever. Retrieve your documents 24/7 from your WorldAccount or sign-up for new RegXcellence®, your free online Quality & Regulatory Assistant that provides a unified platform for compliance documents, filing assistance and audit information.

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Contact us for pricing and additional information:
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