BASF
We create chemistry

# Ibuprofen

**For over 25 years,** we have been manufacturing ibuprofen at our site in **Bishop, Texas.** We offer a wide portfolio consisting of four powder grades, a direct compressible grade, and two fast-acting grades. As an experienced and collaborative partner, we offer world-class regulatory, quality, and technical service support with a global and regional presence.

**Scan** to visit product page!

75+ years experience in APIs

Eco-friendly process

High-quality product

Manufactured by the largest Western producer in the USA*

20+ years experience in environmental footprint calculations

* by volume capacity

BASF_Pharma
BASF Pharma Solutions
www.pharma.basf.com

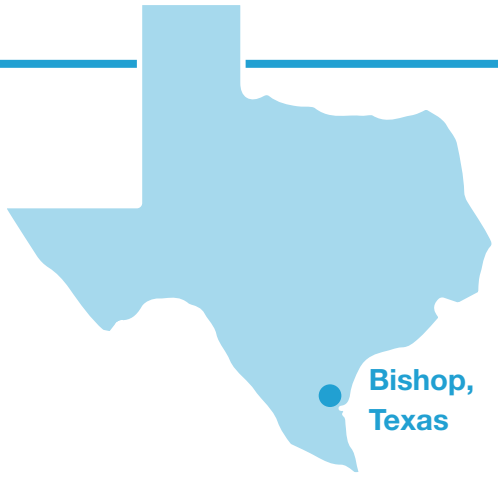
**Inspiring Medicines for Better Lives**

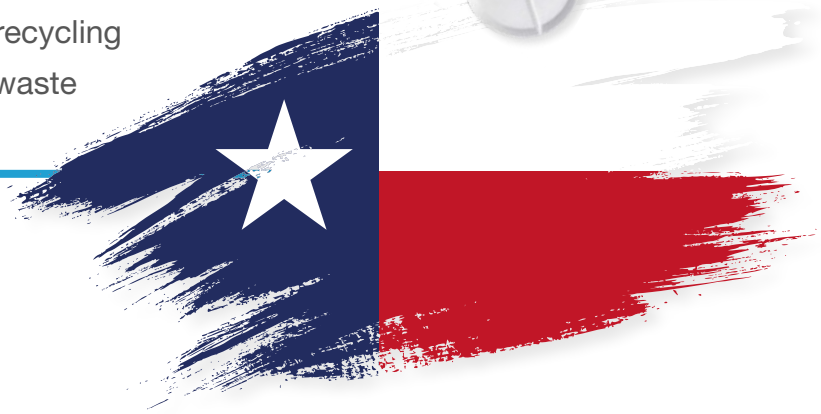
# Ibuprofen 25, 38, 50, 70

Four powder grades with different particle size distributions for your formulation needs

## Our Operations

- ✓ **Knowledgeable and committed team** located in **Bishop, Texas**
- ✓ Broad, **global distribution network**
- ✓ Continuous investment and improvements to the site to **optimize and increase process efficiency**
- ✓ **Eco-friendly process***
  - ✓ Catalyst/solvent recovery and recycling
  - ✓ No metal-containing aqueous waste



## Product Details

| | Ibuprofen 25, 38, 50, 70 | | | |
|---|---|---|---|---|
| Synonyms/ chemical name | (±)-2-(p-Isobutylphenyl)propionic acid | | | |
| CAS number | 15687-27-1 | | | |
| Physical form | White crystalline powder | | | |
| Manufacturing site | Bishop, TX (USA) | | | |
| Product name | **Ibuprofen 25** | **Ibuprofen 38** | **Ibuprofen 50** | **Ibuprofen 70** |
| Application | Oral liquid suspension / topical creams | Wet granulation | Wet granulation | Wet granulation / dry compression |
| PRD number | 30076127 | 30076128 | 30076166 | 30487271 |
| Packaging size | 50 kg | 50 kg | 50 kg | 50 kg |
| Article number | 50909135 | 50909188 | 50914488 | 54017960 |
| Article number (0.5 kg sample) | 56929776 | 56929829 | 56929882 | 54165459 |

**Available Regulatory Information**: Ibuprofen meets the current Ph. Eur., USP, JP and IP monographs. DMFs and CEPs are available upon request.

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

# Ibuprofen DC 85 W

Direct compressible grade for improved processibility

## Tableting Made Simple

- ✓ No need for expensive wet granulation and compaction processing steps
- ✓ **Better flowability** compared to standard grades
- ✓ Patented formulation **minimizes stickiness during production**
- ✓ Enables **reliable, fault-free tableting with higher output rates**
- ✓ High drug concentration allows for **reduced excipient costs and smaller tablets**

Typical tablet defect with standard grades

Tablet containing Ibuprofen DC 85 W

## Product Details

| | Ibuprofen DC 85 W | |
|---|---|---|
| Synonyms/ chemical name | (±)-2-(p-Isobutylphenyl)propionic acid | |
| Composition | Ibuprofen 50, Microcrystalline cellulose, Colloidal silicon dioxide, Croscarmellose Sodium | |
| CAS number | 15687-27-1 (ibuprofen) | |
| Physical form | White granules, free flowing, homogeneous material | |
| Manufacturing site | Holland, MI (USA) | |
| PRD number | 30526498 | |
| Article number | 50192890 | 50192933 |
| Packaging size | 50 kg | 2 kg |

Improved flowability of Ibuprofen DC 85 W

**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 upon request.

# Racemic Ibuprofen Lysinate (RIBL) & Ibuprofen Sodium Dihydrate

Functionality to add diversity to your portfolio

## Fast-Acting Ibuprofen Grades

### Racemic Ibuprofen Lysinate (RIBL) vs. Conventional Ibuprofen

- ✓ **Higher solubility in water[1]**
- ✓ **More rapidly absorbed in the intestinal tract[2]**

### Ibuprofen Sodium Dihydrate vs. Conventional Ibuprofen

- ✓ **Dissolves more quickly in vitro and is absorbed into blood plasma more quickly[3]**
- ✓ **Comparable tolerability and safety profile[3]**

## Product Details

| | Racemic Ibuprofen Lysinate (RIBL) | Ibuprofen Sodium Dihydrate |
|---|---|---|
| Synonyms/ chemical name | (±)-2-(p-Isobutylphenyl)propionic acid lysinate | 2-(4-isobutylphenyl)-propionate sodium dihydrate |
| CAS number | 57469-86-8 | 31121-93-4 |
| Appearance | White to almost-white powder | White to almost-white powder |
| Manufacturing site | Minden, Germany | Bishop, TX (USA) |
| PRD number | 30081848 | 30260589 |
| Packaging size | 25 kg | 50 kg |
| Article number | 56477527 | 51224063 |
| Article number sample | 51287979 (0.1 kg) | 51217385 (0.5 kg) |
| Regulatory status | E-DMF is available upon request | E-DMF and US-DMF are available upon request |

[1] Ibuprofen, Rainsford, K.D., Taylor & Francis Ltd. London, UK. 1999;
[2] Hermann, T.W., Gtowka, F.K., Garrett, E.R., J. Pharm. Sci. 82(11):1102-11, 1993;
[3] Soergel, F., et al. Int. J. Clin. Pharmacol. Ther. 43(3):140-149, 2005;

# 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.

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