



## FLUSHIELD™

UPC CODE 0 646420 5805 8 – 20 capsules

0 646420 5806 5 – 40 capsules

NPN # 80005695

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### NATURAL HEALTH PRODUCTS DIRECTORATE (NHPD) CLAIMS:

**Jamieson FluShield™ is approved for the following NHPD claims:**

- Traditionally used to fight off colds, flu and infections.
- Traditionally used for the relief of sore throats due to colds.
- Acts as supportive therapy in the treatment of colds, flus and upper respiratory infections and urinary infections.

#### Product Details

Jamieson FluShield™ is clinically proven to fight the flu virus and boost immunity. FluShield™ is the only flu defence product formulated with LPx<sup>3</sup>. More than 10 years in the making, LPx<sup>3</sup> is a patented extract of selectively bred premium *Echinacea angustifolia*. The vital compounds in this unique formula are the most potent and concentrated of any echinacea. They have been scientifically tested for their biochemical activity and have been clinically proven to fight the onset and symptoms of flu, colds and upper respiratory infections.<sup>1,2,3,4</sup>

#### GENERAL INFORMATION

The flu is an acute viral infection of the respiratory tract caused by a strain of the influenza virus. Its symptoms tend to have a rapid onset (24-48 hours after infection) and include fever, cough, muscle pain, fatigue and inflammation of the nose and airways.<sup>5,6</sup> In the case of the flu, these symptoms are not produced by the virus itself, but are actually the result of the body working to combat the infection.<sup>5,6</sup>

The widespread and varied nature of viruses makes it difficult to prevent or treat the flu with conventional medicine (i.e. a flu vaccine). Furthermore, since antibiotics are designed to treat bacterial infections,

they are ineffective for the treatment of the flu virus. However, certain nutritional supplements are available to help defend against the flu, and work by strengthening the immune response of the body to stimulate a natural process of healing.

Because of its stimulating effect on the immune system, Echinacea is the most common nutraceutical used to treat and prevent the common cold/flu, according to the National Institute of Allergy and Infectious Diseases.<sup>1</sup>

FluShield™ is a groundbreaking, natural flu-fighting formula that boosts the immune system to better resist viral infections. FluShield™ contains the active ingredient LPx<sup>3</sup>, a premium and uniquely effective form of *Echinacea angustifolia*. Echinacea is a native North American wildflower that is known for its traditional medicinal benefits.<sup>7</sup> The roots of *Echinacea angustifolia* contain the glycoside echinacoside and a high molecular weight polysaccharide. Studies have demonstrated the ability of these components of echinacea to stimulate immune cells.<sup>2,3</sup> Whereas antibiotics kill bacteria directly, echinacea works by stimulating different types of cells in the immune system to enable the body to fight off viral and bacterial invaders.<sup>8,9,10,11</sup>

Echinacea is commonly used for the prevention of respiratory infections, including inflammation of the respiratory tract.<sup>12</sup> Studies have shown that by taking echinacea extract at the first sign of a cold/flu, the symptoms have been known to decrease by frequency, duration, and severity.<sup>13</sup>

The release of FluShield™ is the result of a worldwide search for the most potent Echinacea. More than a decade in the making, FluShield™ contains LPx<sup>3</sup>, a premium and uniquely effective form of *Echinacea angustifolia* that was chosen from among 40 plant genotypes for its high concentration of immune-boosting polysaccharides. Through selective breeding, these compounds were augmented and concentrated into the plant roots, resulting in a one-of-a-kind cultivar. With LPx<sup>3</sup>, Jamieson Laboratories has taken the finest natural source echinacea and used state-of-the-art science to turn it into the world's most advanced immune-boosting supplement.

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**For Accidental Overdose** (such as child ingesting formula)  
Dial 911, 0 for operator assistance or call you nearest Poison Control Centre

#### For Professional Use Only

The information contained here has been accumulated from many sources.  
Indications are not intended as cures, they are simply a guideline to be used at your professional discretion.

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To preserve the genetic integrity of LPx<sup>3</sup>, the plant stock is grown in isolation near Verona, Italy, a region chosen for climate and soil similar to echinacea's native habitat. The LPx<sup>3</sup> plant stock is genetically pristine; it is grown under controlled conditions in a region where there is no risk of cross-pollination from indigenous echinacea.

Triple-standardized pharmaceutical processing captures the most beneficial plant compounds and removes immune-suppressing isobutylamides, which commonly occur in echinacea formulas. There is clinical evidence that the broad spectrum of echinacea compounds in LPx<sup>3</sup> is very effective at turning on the body's disease-fighting cells. Triple standardization also ensures the guaranteed active potency of each FluShield™ capsule.

Jamieson's FluShield™ is formulated from natural sources and is pharmaceutically tested to guarantee full potency and absolute clinical purity.

What makes FluShield™ from Jamieson Laboratories different....and why does that difference mean better?

- 1) The key ingredient is a patented, standardized extract called LPx3. It is derived from a specialized genotype of premium Echinacea angustifolia that has been selected for the unparalleled potency of its vital plant compounds.
- 2) LPx3 is exclusively cultivated near Verona, Italy to protect its genetic purity.
- 3) An innovative, pharmaceutical-extraction technology is used to capture the active plant compounds. The active extract is triple-standardized to ensure that each capsule is pharmaceutically pure.
- 4) Fast acting and free of immune-suppressing isobutylamides found in other echinacea formulas.
- 5) Only Jamieson FluShield™ is made with this patented, NPN-approved echinacea.
- 6) Our premium formulations are manufactured using the 360 Pure process – a minimum of 360 quality tests that guarantee traceability and reliability of raw material, product safety, full potency and absolute clinical purity.

## INGREDIENT INFORMATION

Available as 20 or 40 capsules.

Each capsule contains:

LPx<sup>3</sup> Echinacea (5:1) Extract.....200 mg  
(derived from *Echinacea angustifolia*, root)  
Equivalent to 1,000 mg of dried herb.

## EXCIPIENTS

Vegetable oil, yellow beeswax, soy lecithin, gelatin, glycerin, natural caramel colour, titanium dioxide.

## DIRECTIONS

Adults: Take 1 capsule, 3 times daily. May be used up to 21 days. Store between 15°C-25°C, away from children.

## INDICATED BENEFITS

- Potent, natural formula helps boost the immune system
- Clinically proven to fight the onset and symptoms of flu, colds and upper-respiratory infections
- Fast acting and free of immune-suppressing isobutylamides found in other echinacea formulas

## NUTRIENT INTERACTIONS

### Drug Interactions

Do not take Echinacea if using immuno-suppressants (i.e. corticosteroids, cyclosporin).<sup>14</sup>

### Nutrient Depletions

None known when taken as directed.

### Supportive Interactions

Other herbs such as goldenseal or medicinal mushrooms also enhance the immune system.<sup>14</sup> These can be used along with Echinacea (or during periods of rest off of Echinacea) to help maximize the effect of this herbal remedy.

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## WARNINGS AND PRECAUTIONS

Prior to use, consult a health care practitioner if you have rheumatoid arthritis, a progressive systemic disease; if you have autoimmune disorders; are taking immunosuppressants; or if symptoms persist. Do not use if you are pregnant or breastfeeding or if you have an allergy to *Asteracea/Compositae* (daisy) family. The use of FluShield™ does not preclude simultaneous antibiotic use. Use of antibiotics may be essential in treating your condition. Always consult a healthcare practitioner.

## TOXICITY, ADVERSE REACTIONS, AND SIDE EFFECTS

Adverse reactions to Echinacea are rare. However, high doses can cause nausea or dizziness. If you experience any difficulty breathing or develop a skin rash, discontinue use and contact a physician.

## REFERENCES

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