

# FREQUENTLY ASKED QUESTIONS

## Why should I switch from my current vapocoolant topical anesthetic to Hurri-Freeze?

Hurri-Freeze has an equivalent cooling profile to many of the vapocoolants on the market, as well as ethyl chloride. While ethyl chloride has historically been used for its rapid anesthetic effect, it is associated with significant safety concerns. Ethyl chloride is classified as toxic, highly flammable, and poses inhalation risks to both patients and healthcare providers. It is listed by the State of California as a known carcinogen and is restricted in several other states due to its hazardous profile.

Hurri-Freeze offers a safer and more cost-effective alternative. It is non-flammable, non-toxic, non-HAZMAT, and does not require inhalation precautions. Clinically and therapeutically equivalent to ethyl chloride, Hurri-Freeze is FDA-cleared with broader indications for use. In addition to application on intact skin, it is approved for use on open wounds and intact oral mucous membranes, providing greater flexibility in clinical practice.

#### How fast does Hurri-Freeze work?

Apply for 4 to 10 seconds; it reduces the temperature at the application site to well below 0°C, inducing rapid superficial anesthesia. This provides effective analgesia for minor procedures without compromising skin integrity.

## How does Hurri-Freeze compare to the over-the-counter (OTC) cold sprays?

Over-the-counter (OTC) cold sprays are commonly used to provide temporary relief of pain associated with minor sports injuries such as bruises, muscle strains, and aches. These products are intended for external use only and should not be applied to broken skin. Most OTC

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sprays are butane-based, rendering them extremely flammable and unsuitable for clinical use where open wounds or mucous membranes are involved.

Hurri-Freeze is an FDA-cleared topical anesthetic spray designed for professional medical use. It is indicated for application on broken skin, minor wounds, and intact mucous membranes, offering broader clinical utility. Hurri-Freeze undergoes rigorous microbial testing in accordance with USP <61> and <62> standards to ensure microbiological quality and aseptic integrity. It may be applied following antiseptic skin preparation and does not contribute to an increased risk of microbial contamination at the procedure site. Additionally, Hurri-Freeze is non-flammable and non-toxic, providing a safer alternative to traditional flammable cold sprays in both clinical and procedural settings.

#### Is Hurri-Freeze Sterile?

Hurri-Freeze is not a sterile product; it is safe for use prior to aseptic procedures. Independent laboratory testing confirms that Hurri-Freeze meets the microbiological quality standards outlined in USP <61> and USP <62>.

Furthermore, a published clinical trial has shown that the ingredients in Hurri-Freeze do not introduce or contribute additional microbial burden to a procedure site that has been appropriately prepped with an antiseptic.\*

\*Reference available upon request

### How long do I need to spray Hurr-Freeze on the procedure site to achieve numbness?

Hurri-Freeze should be sprayed on the procedure site at a distance of 3 to 7 inches for approximately 4 to 10 seconds. Average spray times are usually 5 to 7 seconds. If during the spray time the skin turns white or blanches, stop spraying.

#### How do I order Hurri-Freeze?

Hurri-Freeze is carried by your normal Medical-Surgical distributors and Pharmacy Drug wholesalers. When ordering, search for the item numbers or Hurri-Freeze. Products are also listed under Beutlich® Pharmaceuticals.

Item Number	Product SKU Description
0283-1806-44	Hurri-Freeze – Mist Spray – 115 mL
0283-1809-44	Hurri-Freeze – Mist Spray – 35 mL

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