

# MediXtracts

## FACTS

Your compounding pharmacy team at MediXtracts Therapies Inc. (MTI) is working to improve your topical MTI formulas. We now use our own proprietary MTI base which is an engineered emulsion cream that includes various essential oils found to enhance skin penetration and improve skin feel. Penetration of the active pharmaceutical ingredients (API) is a critical part of an effective transdermal (passing through the skin) preparation.

Our formulations are compounded with fresh inputs daily with careful attention to accuracy. The completed creams are milled and homogenized to ensure a consistent experience each time. The goal is to provide the same fast, penetrating pain relief from batch to batch.

Less is More! Transdermal therapies work best when all of APIs are chemically and physically compatible and become fully dissolved. When it comes to appropriate drug (API) concentrations for transdermal compounds, often less is more effective due to factors such as concentration gradients, chemical effects on skin structures and blood flow in the area. With the right concentrations, the APIs can pass through the protective skin layers quickly and with less irritation potential. With too much API in the mix the cream base may become unstable and drug absorption is erratic. Applying a less concentrated formula more often provides the best steady pain control.

How to Use: One pump provides approximately one gram of cream which is often adequate for one knee for example. Use an appropriate amount for your pain zone and rub in well. Do not apply direct heat to the area within 30 minutes. Wash your hands thoroughly with warm soap and water after applying. Do not get cream into eyes!

Keep out of the reach of children and pets. You should avoid letting pets lick your treated areas as some API can be harmful to small animals even in small amounts if ingested.

Some patients have experienced tingling or burning after applying some versions of the pain creams. Allergies are rare but always possible. You should avoid direct sunlight on the treated areas for at least two hours and stop using the cream if rashing or blisters/boils occur. Everyone has different sensitivities and we will work with you and your prescriber to find a formula that works.

*Compounded With Care™*