

# Mufasa

## THERAPEUTICS

### Thermo Relief Packs Re-Usable Heat Pack

Mufasa Therapeutics' range of Thermo Relief Packs are an instant and portable source of heat. The Thermo Relief Packs reach up to 57°C in seconds with the simple click of a button.



Small	13cm x 9cm
Medium	24cm x 14cm
Large	27cm x 18cm

- Safe, non toxic, non electrical, TGA approved
- Instant heat relief for muscles, back pain and cramps
- Reusable and sterile – simply boil to prepare for next use
- Retains heat for up to two hours when insulated against the body
- Dual purpose – can be refrigerated for use as a cold pack
- Velcro fastening belts available for added convenience
- Can be customised in shape, size and colour
- One year replacement warranty

The Thermo Relief Heat Pack is made of a PVC foil and is heat- sealed. It contains Sodium (salt) and Acetate (vinegar). The Sodium Acetate solution is a food Grade saline which is non toxic or poisonous. However, like all concentrated solutions, care should be taken not to expose to sensitive areas such as the eyes or open wounds but is otherwise harmless.

If for any reason the solution leaks onto cloth, it will feel like it has been starched. A wash in either cold or warm water will easily remove the solution.

Sodium Acetate in super concentrated form is sensitive to friction/vibrations. The flexing of the activator creates friction sufficient to act as a catalyst to form the first crystal. Once the first crystal has formed, it creates a chain reaction – thus the gradual change inside the pack.

This exothermic reaction generates energy- the heat that you feel. This chain reaction generates heat in a few seconds up to 57 degrees. Exposing the crystals to high temperatures (the boiling water) will cause the crystals to revert to liquid form – thus acting to regenerate the packs. As the process is a physical change and not a chemical reaction, the exothermic reaction can be “activated” an unlimited number of times.

[www.mufasatherapeutics.com](http://www.mufasatherapeutics.com)

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