



URSATEC  
WHEN PRESERVATIVE FREE MATTERS®

Dual safety without preservatives



... when preservative free matters®

# ... when preservative free matters®

## The philosophy

Preservatives can cause various allergic reactions such as allergic rhinitis and rhinitis medicamentosa.

Ursatec Verpackung GmbH is dedicated to support the global health care industry in avoiding preservatives in any kind of medical device, pharmaceutical or cosmetic products. Health care administrations recommend the development of preservative-free pharmaceutical and cosmetic products worldwide.

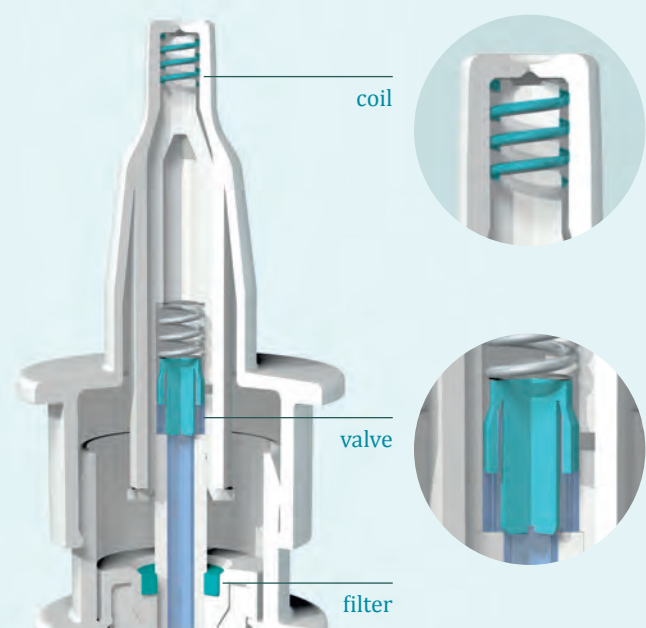
*„The US Food and Drug Administration (FDA) has urged the pharma industry to develop preservative-free nasal sprays“*

(In-Pharmatechnologist.com, 2006)

## Dual microbiological protection

The safety of the patented preservative-free Ursatec dosage systems is based on a unique combination of two independent protection mechanisms:

- Microbiologically tight valves
- Protective surface areas



# Preservative free products

## Products & services

| APPLICATIONS                        |                   |
|-------------------------------------|-------------------|
| <input checked="" type="checkbox"/> | Nasal             |
| <input checked="" type="checkbox"/> | Buccal/Sublingual |
| <input checked="" type="checkbox"/> | Otological        |
| <input checked="" type="checkbox"/> | Topical           |
| <input type="checkbox"/>            | Inhalative        |



### 3K<sup>®</sup> system non airless

The 3K<sup>®</sup> system is a non-airless system. It can be used in combination with glass and plastic containers.

| APPLICATIONS                        |                   |
|-------------------------------------|-------------------|
| <input checked="" type="checkbox"/> | Nasal             |
| <input checked="" type="checkbox"/> | Buccal/Sublingual |
| <input checked="" type="checkbox"/> | Otological        |
| <input checked="" type="checkbox"/> | Topical           |
| <input type="checkbox"/>            | Inhalative        |



### COMFORT<sup>®</sup> system airless

The COMFORT<sup>®</sup> system is an airless system. It allows the delivery of the product in any position and is therefore also suitable for upside down use.

| APPLICATIONS                        |                   |
|-------------------------------------|-------------------|
| <input type="checkbox"/>            | Nasal             |
| <input type="checkbox"/>            | Buccal/Sublingual |
| <input type="checkbox"/>            | Otological        |
| <input type="checkbox"/>            | Topical           |
| <input checked="" type="checkbox"/> | Inhalative        |



### SoftBreezer<sup>®</sup> liquid nebulizer

SoftBreezer<sup>®</sup> is the first preservative-free mobile nebulizer for consumer health products such as isotonic saline inhalation solutions. The new device is suitable for all kind of preventive products.

| SERVICES                            |                    |
|-------------------------------------|--------------------|
| <input type="checkbox"/>            | Development        |
| <input type="checkbox"/>            | Project management |
| <input checked="" type="checkbox"/> | Contract filling   |
| <input type="checkbox"/>            | Quality control    |
| <input type="checkbox"/>            | Lab services       |



### Contract filling

Our service includes complete coordination of the order, provision of the raw materials, sterilization of primary packaging, GMP-compliant filling under aseptic conditions in clean room class A as well as quality control and microbiological safety tests under validated conditions.

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