

# Biogel® Skinsense Range

## Chemotherapy agent permeation



Tested for use with chemotherapy agents per ASTM D6978.

| Agent tested                | CAS no.<br>(active ingredient) | Concentration | 510K K193573                                       | 510K K140477               |
|-----------------------------|--------------------------------|---------------|--|----------------------------|
|                             |                                |               | Biogel Skinsense®<br>Indicator Underglove<br>(314) | Biogel Skinsense®<br>(406) |
| Bleomycin (Blenoxane)       | 9041-93-4                      | 15 mg/ml      | >240   | >240                       |
| Busulfan                    | 55-98-1                        | 6 mg/ml       | >240   | >240                       |
| Carboplatin (Paraplatin)    | 41575-94-4                     | 10 mg/ml      | >240   | >240                       |
| Carmustine* (BCNU)          | 154-93-8                       | 3.3 mg/ml     | 6.6  | 60.2                       |
| Cisplatin                   | 15663-27-1                     | 1 mg/ml       | >240   | >240                       |
| Cyclophosphamide (Cytoxan)  | 50-18-0                        | 20 mg/ml      | >240   | >240                       |
| Cytarabine                  | 147-94-4                       | 100 mg/ml     | >240   | >240                       |
| Dacarbazine (DTIC)          | 4342-03-4                      | 10 mg/ml      | >240   | >240                       |
| Doxorubicin Hydrochloride   | 23214-92-8                     | 2 mg/ml       | >240   | >240                       |
| Ellence                     | 56420-45-2                     | 2 mg/ml       | >240   | >240                       |
| Etoposide (Toposar)         | 33419-42-0                     | 20 mg/ml      | >240   | >240                       |
| Fludarabine                 | 21679-14-1                     | 25 mg/ml      | >240   | >240                       |
| Fluorouracil                | 51-21-8                        | 50 mg/ml      | >240   | >240                       |
| Idarubicin                  | 57852-57-0                     | 1 mg/ml       | >240   | >240                       |
| Ifosfamide                  | 3778-73-2                      | 50 mg/ml      | >240   | >240                       |
| Mechlorethamine HCl         | 55-86-7                        | 1 mg/ml       | >240   | >240                       |
| Melphalan                   | 148-82-3                       | 5 mg/ml       | >240   | >240                       |
| Methotrexate                | 59-05-2                        | 25 mg/ml      | >240   | >240                       |
| Mitomycin C                 | 50-07-7                        | 0.5 mg/ml     | >240   | >240                       |
| Mitoxantrone                | 70476-82-3                     | 2 mg/ml       | >240   | >240                       |
| Paclitaxel (Taxol)          | 33069-62-4                     | 6 mg/ml       | >240   | >240                       |
| Rituximab                   | 174722-31-7                    | 10 mg/ml      | >240   | >240                       |
| Thiotepa*                   | 52-24-4                        | 10 mg/ml      | 16.9   | 75.8                       |
| Trisenox (Arsenix Trioxide) | 85586-03-4                     | 0.1 mg/ml     | >240   | not tested                 |
| Vincristine Sulfate         | 57-22-7                        | 1 mg/ml       | >240   | >240                       |

**Note:** The Biogel® Skinsense® and Biogel® Skinsense® Indicator® Underglove are intended to be worn on the hands, usually in the surgical settings, to provide barrier against potentially infectious material and other contaminants.

In addition, these gloves were tested at an independent test facility for use with chemotherapy drugs in accordance with ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs.

Breakthrough detection times may not reflect the actual duration of protection in the workplace due to other factors influencing the performance, such as temperature, abrasion, puncture, degradation etc.

Gloves used for protection against chemotherapy drug exposure should be selected specifically for the types of chemical used. Users should review this information with information provided with the drug e.g. drug labeling or material safety data sheets for the chemicals being used to determine an adequate level of protection for the intended use.

**Warning:** Do not use single gloves for protection against Carmustine (3.3 mg/ml) and Thiotepa (10 mg/ml). Consider using additional safety controls when handling these materials to avoid contact as well as the use of multiple gloves with longer breakthrough detection times.

Performance level, breakthrough detection time. All times are in minutes



Find out more at [molnlycke.us](http://molnlycke.us)

\*Made with Synthetic Polychloroprene material that does not contain natural rubber latex.

The Mölnlycke, Biogel trademarks, names and logo types are registered globally to one or more of the Mölnlycke Health Care Group of Companies. Distributed by Mölnlycke Health Care US, LLC, Norcross, Georgia 30092. © 2020 Mölnlycke Health Care AB. All rights reserved. 1-800-843-8497. MHC-2020-78789 Lit #1-0510

