



CODAN

Chemoprotect[®]

Complete protection in handling
of cytotoxic drugs

The decisive connection



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Chemoprotect®

Complete protection in handling
of cytotoxic drugs

The CODAN Chemoprotect® product range offers a safe and reliable protection of medical personnel in the handling of cytotoxic drugs. The combined use of specially matched individual products considerably minimises the risk of contaminations in the regular handling of cytotoxic drugs, as well as in the event of accidents. Chemoprotect® is the perfect addition to our CODAN CYTO® product range for the preparation and administration of cytotoxic drugs.



Personal Protective Equipment (PPE)

Maximum protection and wearing comfort for handling of cytotoxic drugs - our Cleo® saphir/ CODAN Chemoprotect® Protective gown, arm sleeves and overshoes are certified as Personal Protective Equipment (PPE) - category III; type PB[4]/PB[4]-B

according to the PPE regulation EU 2016/425. Cleo® saphir is a registered trademark of Berner International GmbH. Chemoprotect® is a registered trademark of CODAN Medizinische Geräte GmbH.

Cleo® saphir/CODAN Chemoprotect®

Protective gown

The coating of the front of the protective gown/sleeves is impermeable to fluid and in addition, the extra heat-sealed seams provide reliable safety. The elasticated arm cuffs offer a safe transition to the protective gloves.

The Cleo® saphir/CODAN Chemoprotect® Protective gown is available in sterile or non-sterile and in both cases in three sizes (M, L and XL).

Cleo® saphir/CODAN Chemoprotect®

Protective arm sleeves

The protective arm sleeves have the same material as our Cleo® saphir/CODAN Chemoprotect® Protective gown. In addition, the arm sleeves have an elastic

rubber cuff at the upper end to provide a safe uncomfortable fit.

The Cleo® saphir/CODAN Chemoprotect® Protective arm sleeves are available in one universal size either sterile or non-sterile.

Cleo® saphir/CODAN Chemoprotect®

Protective overshoes

The protective overshoes have the same material as our Cleo® saphir/CODAN Chemoprotect® Protective gown and arm sleeves. For wearing comfort, they are equipped with an elasticated band at the end.

Please note: The Cleo® saphir/CODAN Chemoprotect® Protective overshoes are only available in combination with our Chemoprotect® Spill Box.

The Cleo® saphir / CODAN Chemoprotect® user information for protective gown, arm sleeves and overshoes is available on request.

Protection against chemical hazards (Permeation¹⁾)

Chemical	Breakthrough time ²⁾ [min]	Performance class (1-6) ³⁾
Seam testing carmustine (3.3 mg/ml)	> 480	6
Carmustine (3.3 mg/ml)	> 480	6
Cisplatin (1 mg/ml)	> 480	6
Cyclophosphamide (20 mg/ml)	> 480	6
Daunorubicin HCl (5 mg/ml)	> 480	6
Doxorubicine HCl (2 mg/ml)	> 480	6
Etoposide (20 mg/ml)	> 480	6
5-Fluorouracil (50 mg/ml)	> 480	6
Formaldehyde 4 %	> 480	6
Gemcitabine (38 mg/ml)	> 480	6
Isopropanol 70 %	> 480	6
Methotrexate (25 mg/ml)	> 480	6
NaOH 30 %	> 480	6
Paclitaxel (6 mg/ml)	> 480	6
ThioTEPA (10 mg/ml)	> 480	6
Vincristine (1 mg/ml)	> 480	6

1) Movement of a chemical through a material on a molecular level.

2) At a permeation rate of 1µg/min cm².

3) The performance class does not reflect the actual duration of protection at the workplace!

Chemoprotect® Prep mat

The Chemoprotect® Prep mat has been specially developed for use during the preparation of cytotoxic drugs in work-benches. The three layer structure of the material allows safe working and risk-free subsequent disposal.

The Chemoprotect® Prep mat is available in sterile and non-sterile, in two different sizes each:

Large preparation mat: 41 x 54 cm

Small preparation mat: 27 x 42 cm

Lint-free
fluid-permeable
surface

Highly absorbent
fluid-retaining middle layer

Fluid-impermeable
bottom layer

Chemoprotect® Transport safety bags / Waste bags

The Chemoprotect® Transport safety bag and the Chemoprotect® Transport/Waste bag are intended for the transport of prepared medications or cytotoxic drug units and disposal of used preparation materials or waste.

The transparent Chemoprotect® Transport safety bag is available in three different sizes: 370 x 470 mm, 245 x 320 mm, 160 x 220 mm.

All three sizes have a self-adhesive safety seal tape as well as a double seam at the sides and are liquid-tight.

The white Chemoprotect® Transport/ Waste bag for prepared light-sensitive drug units is available in one size: 305 x 380 mm. This bag has a resealable and auto-adhesive “safe seal system” for easy and quick handling.





Berner SpillKit XP for CODAN

In the daily work of health care professionals with cytotoxic drugs during preparation or administration, spillage accidents can occur. To protect your health care workers from contamination while cleaning of the contaminated area, CODAN offers an emergency cleaning kit for spilled cytotoxic drugs for liquid or powder contamination as well as glass

breakage. The Personal Protective Equipment (PPE) is certified according to PPE regulation (EU) 2016/425 category II or III and, in combination with the tools in the emergency kit, contributes to a safe and effective cleaning of the contaminated area. All components of the Berner SpillKit XP for CODAN are latex-free.

Content of the Berner SpillKit XP for CODAN:

PPE cat. II according to PPE regulation (EU) 2016/425

Safety goggles

1 pc.

PPE cat. III according to PPE regulation (EU) 2016/425

Cleo® saphir/Chemoprotect® protective gown

1 pc.

Cytostatic protective gloves

2 pairs

Chemical protective overgloves

1 pair

FFP3 respiratory mask

1 pc.

Cleo® saphir/Chemoprotect® protective overshoes

1 pair

Tools

Marker pen

1 pc.

Barrier tape

1 pc.

Warning sign

2 pcs.

GREEN-Z® Powder

1 pc.

ChemoSorb-Pad

1 pc.

ISYSOFT wipes

6 pcs.

Scoop

1 pc.

Sweeper

1 pc.

Tweezer

1 pc.

Disposal box

1 pc.

Bottle, distilled water (500 ml)

1 pc.

Special waste bag, white

1 pc.

Cable tie

1 pc.

Accident report

1 pc.

(for Germany only)

User information

1 pc.

GREEN-Z® is a registered trademark of Safetec of America Inc.

CODAN Worldwide

CODAN is known internationally as a manufacturer and supplier of medical transfer systems. The CODAN Companies have more than 1500 employees around the world.

The name CODAN is synonymous with reliability, quality and precision based on the know-how and experience gained from more than 60 years of research and development. Company-owned production facilities and sales companies around the world are a guarantee for efficient production, a tight-knit sales network and a first-class service for customers in the healthcare sector.

CODAN Product range

- Infusion sets
- Transfusion sets
- Extension lines and manifold connectors
- Infusion and transfusion accessories
- Infusion filters and filter systems
- Neonatology/Paediatric products
- Withdrawal, preparation and administration systems
- CODAN CYTO®
- Chemoprotect® products
- Single use syringes
- Invasive blood pressure monitoring systems
- Infusion pumps
- CODAN Software
- Other CODAN Products

CODAN Companies

CODAN Medizinische Geräte GmbH · Deutschland
CODAN pvb Critical Care GmbH · Deutschland
CODAN pvb Medical GmbH · Deutschland
CODAN TI, S.A. · Portugal
CODAN US Corporation · California · USA
CODAN Inc. · California · USA
CODAN NORGE AS · Norge
CODAN TRIPLUS AB · Sverige
CODAN Limited · United Kingdom
CODAN FRANCE Sarl · France
CODAN Medical AG · Schweiz
CODAN ARGUS AG · Schweiz
CODAN BV · Nederland
CODAN s.r.l. · Italia
CODAN Medical GmbH · Österreich
CODAN Medical ApS · Danmark
CODAN DEHA ApS · Danmark
CODAN MEDITECH s.r.o. · Česká republika

Compliance of the established quality management systems with the provisions of EN ISO 13485, the Council Directive 93/42/EEC and/or Regulation (EU) 2017/745 has been certified by the relevant, competent notified bodies:

TÜV SÜD Product Service GmbH

CODAN Medizinische Geräte GmbH
23738 Lensahn, Germany

CODAN pvb Critical Care GmbH
85661 Forstinning, Germany

CODAN US Corporation
Santa Ana, CA 92704, USA

CODAN ARGUS AG
6340 Baar, Switzerland

Presafe Denmark A/S

CODAN Medical ApS
4970 Rødby, Denmark



Contact

CODAN Medizinische Geräte GmbH
Stig Husted-Andersen Straße 11
23738 Lensahn · DE
Tel.: +49 (0) 43 63 · 5111 · Fax: +49 (0) 43 63 · 5112 14
codan@codan.de
www.codancompanies.com

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