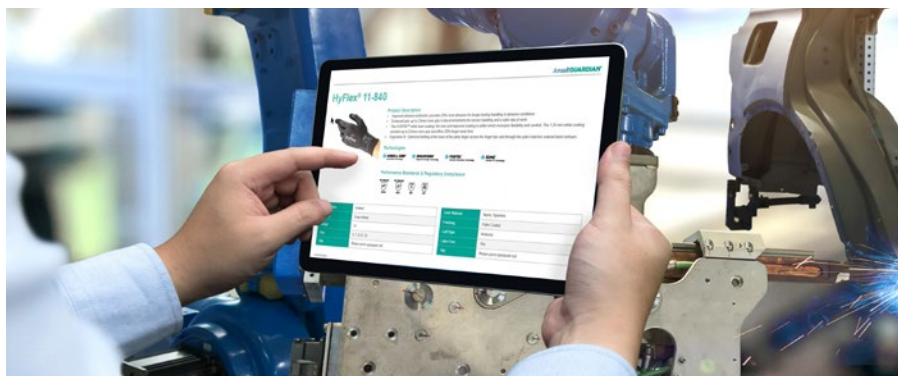




# AnsellGUARDIAN®

Performed by our safety experts, AnsellGUARDIAN® is a service that helps our customers improve their safety and productivity by combining 45 years of safety assessment experience with a data-driven methodology to deliver unique, personalized assessments.

## HOW WE DO IT



### Result oriented

Our simple and clear process focuses on the most relevant areas to deliver our best practices recommendations for one single application or an entire site.

### Tailor-made

Every customer is different and so are their safety needs. Our 600+ safety experts assess each situation individually, using the data provided and a proven process. This results in a unique, tailor-made assessment to meet your objectives.

### Transformational

Our safety experts support the full implementation of our assessment with samples and education for your workers, to ensure the success of PPE change management.

### Sustainable partnership

We start our partnership by analyzing, benchmarking, implementing, and improving your PPE-related operations and performance. One step at a time, we assess your current and future safety needs.



## YOUR BENEFITS

**\$170 million**

customer savings on PPE since 2010

**65%**

injury reduction

**25%**

portfolio reduction

**17,000**

assessments since 2010

**35,000**

chemicals profiled to advise what's right

**600+**

safety experts

**45+**

years of experience in safety assessments



**ASK AN EXPERT**

Find it at [fishersci.com](http://fishersci.com)

# AnsellGUARDIAN® Chemical

## CHEMICAL PROTECTION. SIMPLIFIED.

AnsellGUARDIAN® Chemical simplifies the glove and suit selection for your unique workplace requirements.



## WHAT WE DO

AnsellGUARDIAN® Chemical evaluates the resistance of glove and suit materials to your workplace's particular chemical hazards and delivers a personalized assessment with expected permeation breakthrough times and degradation ratings.

This assessment can either be carried out during a personal consultation with our AnsellGUARDIAN® safety expert or online by using our chemical resistance database ([ansellguardianpartner.com](https://ansellguardianpartner.com)). As a result, selecting the right chemical hazards PPE has never been easier.

## YOUR BENEFITS: SAFETY. PERFORMANCE. COMPLIANCE.

- Detailed, tailor-made report for protection against your chemical hazards (single and mixed chemicals)
- Confidence in your choice of chemical hazards PPE
- Comprehensive range of gloves and suits for different industries and applications
- Global support from our Ansell Chemical Experts

**35,000**

single & mixed  
chemicals

**70,000+**

chemical reports  
since 2005

**20+**

years of experience  
in chemical support for  
our customers

**8 million+**

data points spanning over  
our PPE portfolio across EN,  
ASTM and ISO standards

**1,000+**

reports created per month  
for the last 3 years

Find it at [fishersci.com](https://fishersci.com)

# AnsellGUARDIAN® Chemical

## HOW WE DO IT

We report permeation breakthrough times –BT1.0 and BT0.1 taken in minutes for the chemical to permeate through the material at a rate of 1.0 µg/ cm2/min or 0.1 µg/ cm2/min as per EN374-3, EN 16523-1, ISO 6529 and ASTM F739. We also report degradation ratings for HP.

CAS	Chemical Name	%
100-21-0	Terephthalic acid	100
100-41-4	Ethylbenzene	100
107-66-4	Dibutyl phosphate	100
108-31-6	Maleic anhydride	100
110-82-7	Cyclohexane	100
141-43-5	Ethanolamine	100

Material safety data sheet (MSDS)



Assessment

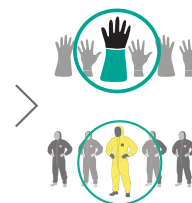
### Gloves

Material	Butyl	LLDPE	Neoprene	Nitrile			
Thickness (mm)	0.35	0.062	N.A.	0.12			
Product Name / Style	ChemTek	Barrier	Scorpio	TouchNTuff			
Type	CAS	Chemical name	%	38-514	02-100	08-352,354	92-500,600,605/93,250,300,700
sgl	110-54-3	n-Hexane	100	<10'	>480'	54'	>480'
sgl	123-86-4	Butyl acetate	100	60-120'	>480'	6'	<10'
sgl	7664-93-9	Sulphuric acid	98	60-120'	>480'	240-480'	<10'

### Clothing

Suit Type	Non-Gaistight	Non-Gaistight	Non-Gaistight			
Brand	MICROGARD	MICROCHEM	MICROCHEM			
Type	CAS	Chemical name	%	2300	3000	4000
sgl	100-42-5	Styrene	100	<1'	>300'	>480'
sgl	67-56-1	Methanol	100	>480'	>480'	>480'
sgl	67-64-1	Acetone	100	<1'	28'	>480'

Evaluation



Simplification

## ONLINE ACCESS TO CHEMICAL RESISTANCE DATA

Our online solution is designed to simplify your selection of Ansell hand and body protection solutions. It offers an instant visual evaluation and an easy-to-use search functionality that includes the unique Chemical Abstracts Service (CAS) number system on [ansellguardianpartner.com](http://ansellguardianpartner.com).

CAS	CHEMICAL NAME
110-82-7	CYCLOHEXANE

Search



Product selection



Solution

For specific chemical protection challenges, an expert assessment is also available to provide a simplified set of choices from our broad portfolio of chemical protection solutions.



**FIND YOUR CHEMICAL RESISTANCE DATA NOW**

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