

How to enter a request for gloves in Chemical Guardian?

1. Enter Chemical Guardian

Please access the web link through Google Chrome

APAC: <https://guardian-apac.ansell.com/>
 EMEA: <https://guardian-emea.ansell.com/>
 NA/LAC: <https://guardian-am.ansell.com/>

User Name = your Ansell email address

Password = your current Windows password

2. Click on the “Hand Protection” button

3. Enter the Organization name



4. Select the type of data you would like to receive

You can ask for:

- A permeation chart
- A degradation chart
- A combined chart (that contains both permeation and degradation data)

Also, permeation data are available according to 2 standards:

- EN374 (mostly used in EMEA and APAC)
- ASTM F739 (mostly used in NA and LAC)

Select Chart Type	Select Standard
<input checked="" type="checkbox"/> Permeation Chart ⓘ	<input type="checkbox"/> ASTM F739
<input type="checkbox"/> Degradation Chart ⓘ	<input checked="" type="checkbox"/> EN374
<input type="checkbox"/> Combined Chart ⓘ	

In case of doubt, we recommend you to stick to the default settings, which are set to select permeation times only and the standard applicable for your region.

5. Select the gloves which you want a recommendation for

A selection of gloves is already loaded each time you create a new request (default setting). This selection contains several types of gloves made a different materials (latex, nitrile, neoprene, PVC, butyl, Viton, PE). If you want to add or delete some of those gloves, you can do so by clicking on the little boxes present next to the glove reference number.

Product Category: Glove

Product Family: All

☐ Show Selected

Product Family	Product Group	Select
AccuTech	91-300	<input type="checkbox"/>
AccuTech	91-225.325	<input type="checkbox"/>
AccuTech	91-250	<input type="checkbox"/>
AlphaTec	58-270	<input type="checkbox"/>
AlphaTec	58-530.535	<input checked="" type="checkbox"/>
AlphaTec	58-435	<input checked="" type="checkbox"/>
AlphaTec	58-430	<input checked="" type="checkbox"/>
AlphaTec	58-335	<input checked="" type="checkbox"/>
AlphaTec	58-330	<input checked="" type="checkbox"/>
Astroflex	Astroflex	<input type="checkbox"/>
Barrier	02-100	<input checked="" type="checkbox"/>
Beige 43	Beige 43	<input type="checkbox"/>
Belmain Plus	Belmain	<input type="checkbox"/>
Bi-Colour	87-900	<input type="checkbox"/>
Black Heavyweight	G17K	<input type="checkbox"/>
Butyl Plus R/0.7	R/0.7	<input type="checkbox"/>
ChemiPro	ChemiPro	<input type="checkbox"/>
ChemTek	38-628	<input checked="" type="checkbox"/>

6. Enter the chemicals for which you want a recommendation

6.1. For single compounds

You can look for a chemical:

- **By its trade/brand name** (example : nitric acid)

Please be aware that the chemical names are written in English in the database. You might not find a chemical by typing its name in another language. To avoid this problem, use the CAS number of the chemical.



Chemical Information		
Add Existing Single/Mixture Chemical OR Define New Single Chemical		
CAS: <input type="text"/>	Chemical Trade/Brand Name: <input type="text"/>	<input type="button" value="Add Chem to Final List"/>

- **By its CAS number** (example, for nitric acid : 7697-37-2)
CAS Numbers (Chemical Abstracts Service) are unique numerical identifiers for chemical compounds, polymers, biological sequences, mixtures and alloys. A CAS registry number is separated by hyphens into three parts, the first consisting of up to 7 digits, the second always consisting of two digits, and the third consisting of a single digit serving as a check digit:

XXXXXXXX-YY-Z
[up to 7 digits-always 2 digits-always 1 digit]

Example :

The MSDS states : “Nitric acid, concentration 25-30%”

- Always takes the higher concentration that is stated, so that the worst-case scenario could be considered.
→ take “30%” for the previous example
- In the Chemical Guardian, select then the closest higher concentration available
→ since 30% is not available in the database, pick the higher closest concentration, which is 37%

Chemical Information			
Add Existing Single/Mixture Chemical OR Define New Single Chemical			
CAS: <input type="text"/>	Chemical Trade /Brand Name: <input type="text" value="nitric acid"/>	<input type="button" value="Add Chem to Final List"/>	
Define Mix Chemical			
Type <input type="text" value="CAS"/>	CAS	Chemical Name	
Final Chemical Assessment List			
Type <input type="text" value="CAS"/>	CAS	Chemical Name	Sgl Conc

CAS	Trade Name	Conc.
7697-37-2	Nitric acid	50
7697-37-2	Nitric acid	70
7697-37-2	Nitric acid	60
7697-37-2	Nitric acid	0-10
7697-37-2	Nitric acid	37
7697-37-2	Nitric acid	65
7697-37-2	Nitric acid	20

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Then, click on “Add Chem to Final List” – afterwards the chemical you’ve just looked for should be listed below:

Chemical Information						
Add Existing Single/Mixture Chemical OR Define New Single Chemical						
CAS: <input type="text"/>	Chemical Trade/Brand Name: <input type="text"/>					<input type="button" value="Add Chem to Final List"/>
Define Mix Chemical						
Type	CAS	Chemical Name	Proportion	Aggregation	Delete	
<input type="button" value="Add Mix to Final List"/>						
Final Chemical Assessment List						
Type	CAS	Chemical Name	Sgl Conc%	Comp Conc%	Aggregation	Delete
Single	7697-37-2	Nitric acid	37.0		Liquid	<input type="button" value="Delete"/>



If the single compound does not exist in the database yet:

- Enter first the CAS number of this new chemical
- Click on the blank space available for the brand/trade name of this chemical. When you click on it, a new window will open and you will be able to create this new chemical in the database. To do so, you will be asked to enter the chemical name, its aggregation state (liquid, gas or solid) and its concentration

From now on, requests containing exclusively chemicals already existing in the database **will automatically be treated by the program.**

6.2. For mixtures

To enter a request for a chemical mixture, you would need several information from the MSDS of this compound :

- **Name of the mixture** (see section 1 of the MSDS)
- **Physical state of the mixture** (see section 9 of the MSDS)
Example : liquid, gas, solid

9. Physical and chemical properties	
<u>General information</u>	
Physical state :	liquid
Colour :	yellow
Odour :	ester-like, mild
<u>Important health, safety and environmental information</u>	
pH-Value :	not applicable
Changes in the physical state	
Melting point :	-4 - +8 °C
Boiling point :	40 - 80 °C DIN 53 171
	Test method



- **Composition of the mixture** (see sections 2 or 3 of the MSDS)

Chemical names	HAZARDOUS INGREDIENTS OF MATERIALS				CAS numbers
	<i>Ingredients</i>	<i>%</i>	<i>TLV Units</i>	<i>CAS No.</i>	
	Nitric acid	2-10	2 ppm	7697-37-2	
	Ethanol	85-90	1000 ppm	64-17-5	
	Methanol	10-15	200 ppm (skin)	67-56-1	
Proportions	Ethyl acetate	<1	(TWA) 400 ppm	141-78-6	
PHYSICAL DATA					
Physical State: Liquid					

To enter a chemical mixture:

- Click one time on the “+” sign in the following screen

Chemical Information

Add Existing Single/Mixture Chemical OR Define New Single Chemical

CAS:
Chemical Trade/Brand Name:
Add Chem to Final List

Define Mix Chemical

+

Type	CAS	Chemical Name	Proportion	Aggregation	Delete

Add Mix to Final List

- A first line is going to appear after you clicked on the “+” sign. Enter the name and the aggregation state of the mixture in this first line

Define Mix Chemical

+

Type	CAS	Chemical Name	Proportion	Aggregation	Delete
Mixture		Name of the mixture		Liquid	

Add Mix to Final List

- Each time you want to add a compound for this mixture, click on the “+” sign
- To enter a compound :
Example: in the previous MSDS, the first compound that was stated was nitric acid, with a proportion comprised between 2 and 10%. Type “nitric acid” in the Chemical Guardian (or look for the chemical by its CAS number) and select the chemical. As for the proportion, pick the highest one that is stated in the MSDS – in this case, 10%.

Define Mix Chemical

+

Type	CAS	Chemical Name	Proportion	Aggregation	Delete
Mixture		Name of the mixture		Liquid	
Component	7697-37-2	Nitric acid	10	Liquid	

Add Mix to Final List



- Once every compound has been entered, click on “Add Mix to Final List”
The mixture you entered should then be showing at the end of the page

Define Mix Chemical					
Type	CAS	Chemical Name	Proportion	Aggregation	Delete
Mixture		Name of the mixture		Liquid	
Component	7697-37-2	Nitric acid	10	Liquid	
Component	64-17-5	Ethyl alcohol	90	Liquid	
Component	67-56-1	Methyl alcohol	15	Liquid	
Component	141-78-6	Ethyl acetate	1	Liquid	

Add Mix to Final List

7. Enter an comment (optional)

Comments			
User Name	Comment	Type	Date

If needed, pertinent comments can be added to the request. These comments can include questions to the Chemical Guardian team, relevant information concerning the application of use of the gloves or additional data on the chemicals. To add a comment, click on the “+” sign (see in red above) and type in your comment.

Please be aware that a request containing a comment **will never be automatically treated** by the program. Indeed, we consider that the information that was written in the comment should be read by a member of the Ansell Guardian Chemical team and taken into account to make an assessment.

8. Submit the request

Once you have added every single compound or chemical mixture you want a recommendation for, click on the “Submit” button

Normally, your request should then be listed in the screen called ‘Sales Dashboard.’

9. Treatment of your request

9.1. In case of correct input

Your request will be treated either automatically or by a technical member of the Ansell Guardian Chemical team. Once your request has been treated:

- You will receive an email of notification with the chemical chart in attachment.
- If needed, you can always go back to Chemical Guardian and download the pdf from there.



9.2. In case of incorrect input

If a member of the Ansell Guardian Chemical team sees that the input of your request is not correct, he can always choose to reject your request, asking you for more information or to double-check the data you entered. In this case, your request will appear as “Tech_rejected” in the list hereunder:

The screenshot shows the 'Ansell Chemical Guardian' dashboard. At the top, there are navigation tabs: Home, Users, Masters, Chemicals, Risk Recommendation, and a user profile section for Julie Janssis / EMEA. Below the navigation, there are three main sections: HAND PROTECTION, BODY PROTECTION, and DOWNLOAD DOCUMENT. The main content area is titled 'Search Chemical Risk Requests Criteria' and contains a table of requests. The table has columns for ID, Product Category, Organization Name, Contact, Created Date, Created By, Request Status, Assigned To, and Action. The 'Request Status' column for the first row (ID 19991) is highlighted in red and labeled 'Tech_Rejected'.

When you click on the ID number of this request, you will be able to see the comment that the member of the Ansell Guardian Chemical team wrote:

Comments			
User Name	Comment	Type	Date
Julie Janssis	Please review the content of this request.	Rejection	2017/06/12

After reading the comment, you can choose to:

- Change the information present in your request (example: delete a chemical, enter a new one, add a comment, etc.). After having changed the information in your request, click on “Submit”
- Delete your request all together. To do so, click on the button hereunder:

The screenshot shows the 'Hand Protection - Edit Chemical Risk Request' form. The form contains various fields for request details, including ID of Request, Organization, Survey Id, Request Status, Contact, Shared To, Created By, Email ID, and Tel/Mob. At the bottom of the form, there are several buttons: Request Review, Delete Request (highlighted in red), Close Request, View Chart, Upload File, Browse, Save Draft, Submit, and Cancel.

10. After receiving your chemical chart

Once your request has been treated, 2 new possibilities have been added to the Chemical Guardian. To have access to them, please click again on the ID number of your request:

10.1. Request review (optional)

You can request a review of the chemical chart you received if you would need some modifications in it or if you have received some additional information that would need to be taken into account in the assessment.

To ask for a review of your request:

- Click on “Request Review”

Hand Protection - Edit Chemical Risk Request

Customer Information

ID of Request: JJ-A-000043 Request Status: Completed Created By: Julie Janssis Manual Upload
 Organization*: Test Volvo Contact: Email ID: Tel/Mob:
 Survey Id: Shared To: Select

Request Review Delete Request Close Request View Chart Upload File Browse Save Draft Submit Cancel

- Once you have clicked on it, you will see that a new blank comment section will open. Type in your comment to summarize the reason why you would like this assessment to be reviewed.

Comments			
User Name	Comment	Type	Date
Julie Janssis	Could you also add heat-resistant gloves to the request? The end-user uses this chemical at 100°C.	Rejection	2017/6/12

- Once you have typed in your comment, click on the “Submit” button. Your request should then be showing as “Sales_rejected” in the list hereunder:

Search Chemical Risk Requests Criteria

Organization: Product Category: All Product Group: Contact:
 Created Date: From: To: ID of Request: Request Status: All Search Show All
 Show Opportunity Data: NO

ID	Product Category	Organization Name	Contact	Created Date	Created By	Request Status	Assigned To	Action
JJ-E-000044	HP	Test		2017/06/12	Julie Janssis	Tech_Rejected	Julie Janssis	
JJ-A-000043	HP	Test Volvo		2017/06/02	Julie Janssis	Sales_Rejected		

Once your request has been reviewed, you will receive an automatic email with the new chemical chart in attachment.

10.2. Close a request (optional)

Once your request has been treated and you are satisfied with the chemical chart, you can choose to close a request to signalize that this request is now completely finished and that you don't need any changes in it. To do so, please click on “Close request”:

Hand Protection - Edit Chemical Risk Request

Customer Information

ID of Request: JJ-E-000035 Request Status: Completed Created By: Julie Janssis Manual Upload
 Organization*: Test HP 2 Contact: Email ID: Tel/Mob:
 Survey Id: Shared To: Select

Request Review Delete Request Close Request View Chart Upload File Browse Save Draft Submit Cancel

Please be aware that, if you close a request, **nothing can be changed in the chemical chart anymore.** Therefore, we would recommend you to be careful with this functionality.