



3E Protect Report Center – User Guide



Table of Contents

Introduction, System Requirements and Security	5
Introduction	5
3E Protect Editions	6
System Requirements	6
3E Protect Access	7
Login Language Options	7
Logout	8
User Role Groups	8
Report Center	9
Exporting and Printing Reports	10
Generate a Report	10
Export a Report	11
User Activity Reports	13
User Activity Summary	13
User Activity Detail	14
User List (All)	14
Event Journal	15
Catalog Reports	16
Product Catalog Reports	16
Products Sharing an SDS	16
All Products	17
Products Not in Inventory	17
Catalog Activity.....	18
SDS Verification Report	19
SDS by Subscription Level.....	20
Customized Product Report	21
Push Reports	21
Push Activity by Data Range	21
Client Attachments Reports	22
Detailed Report for Specified Attachment Type	22



Client Attachments Summary	23
Inventory Reports.....	24
Inventory Summary	25
SDS Verification Report by Location	25
Inventory Activity	26
Inventory Activity Summary	27
REACH - SDS with Exposure Scenarios (eSDS) by Location.....	27
By Product Name with Ingredients	28
By Product Name with REACH Registration Numbers.....	29
By Location with Quantity	30
By Status	31
All Products with Document Type.....	31
By CAS RN.....	32
By REACH RN	32
Users Assigned to Location or Sub-Location	33
Users with Permissions to Location.....	34
Product Data Reports	35
Hazard Classification	36
Hazard Classification Comparison	36
By HMIS	37
By NFPA.....	37
Hazard Class – IFC	38
Hazard Class – SARA Hazards.....	39
Facility Chemical Inventory	39
Risk Assessment.....	40
EU Labeling	41
EU Labeling by Location	41
EU Labeling by Product.....	41
GHS/CLP	42
Europe DPD and CLP Labeling Comparison	42
GHS (CLP) Classification and Labeling – Detail	43
GHS (CLP) Classification and Labeling – Summary	43
GHS (CLP) Coverage – Percentage by Manufacturer	44



GHS (CLP) Coverage – Detail	44
WHMIS Classification	45
Physical Properties	45
Physical Properties.....	45
By VOC	46
By Physical State	47
Regulatory Reports	48
SARA Reports	49
Tier II	49
SARA 313.....	55
Department of Homeland Security Reports (USA)	58
DHS Chemicals of Interest Candidate Chemicals – Release Toxic	58
DHS Chemicals of Interest Candidate Chemicals – Release Flammable	59
DHS Chemicals of Interest Candidate Chemicals – Release Explosive	60
DHS Chemicals of Interest Candidate Chemicals – Theft Explosives.....	61
DHS Chemicals of Interest Candidate Chemicals – Theft Weapons of Mass Effect.....	62
DHS Chemicals of Interest Candidate Chemicals – Theft Chemical Weapon Precursors ...	63
DHS Chemicals of Interest Candidate Chemicals – Sabotage.....	64
DHS Chemicals of Interest Candidate Chemicals – Summary.....	65
REACH Reports (Europe).....	66
Manufacturer/Importer Candidate Products by Substance.....	66
Downstream User Report by Manufacturer	67
REACH Registration by Substance	68
REACH Registration by Product.....	68
Help Tab	69
Contact 3E	69



Introduction, System Requirements and Security

Introduction

3E Protect is an award-winning service that provides online access to a customer's hazardous material inventory and associated Safety Data Sheets 24-7-365. 3E provides tiered online SDS management offerings, offering flexibility to customers who have diverse compliance needs. Companies can choose from three editions: *3E Protect Silver, Gold, or Platinum.*

3E offers a way for companies to centralize their hazardous materials information. SDS are up-to-date, easily accessible and readily distributed throughout the entire organization. The interface is intuitive and simple to master. Users from the production floor to management can access and use SDS information efficiently.

3E Protect includes catalog and site-specific SDS management, which tracks the location of the customer's inventory for all customer specified locations. SDS and inventory reports can be viewed or printed immediately from your desktop to assist with hazard communication compliance.

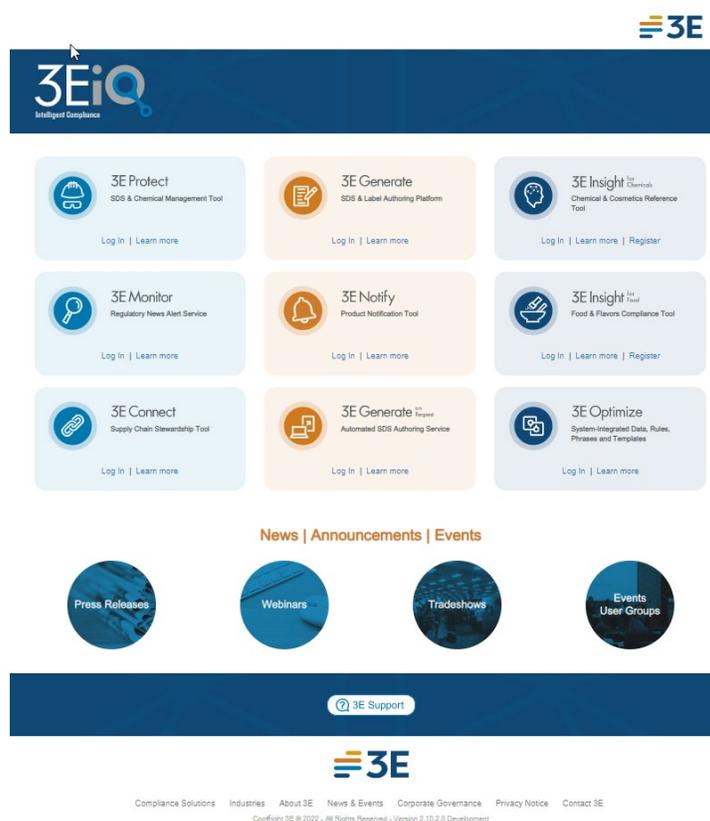


Figure 1 – 3EiQ Login Page

3E Protect Editions

3E Protect has three editions: Silver, Gold, and Platinum. Each edition offers flexibility for companies to meet their specific service needs. A variety of add-on enhancement modules are also available, ensuring customers only pay for the functionality they need. In addition, optional modules can provide chemical classification, SARA reporting assistance and green product analysis. Customers can migrate to the advanced version best suited for them as their compliance requirements evolve.

The 3E Protect User Guide is available in the *Help* section for explanation of the features and functions of 3E Protect.

This user guide reviews the 3E Protect reports included with the Silver, Gold and Platinum editions. Whenever possible, optional modules and features are noted.

Note: *Throughout this guide, you will see references to **Client Information**. Client information is data added to 3E Protect by the client. This is not 3E interpreted or indexed data.*

System Requirements

You should check your system against the minimum and recommended system requirements to ensure proper functionality and performance of 3E Protect. You do not need a Username or Password to access this feature. Click *System Requirements* on the login page (www.3Eiq.com). A pop-up window will appear that compares your system with the minimum requirements needed.

Adobe Acrobat® Reader is required to view and print SDS. If you do not have this software, you can download this for free by clicking on the Adobe Acrobat® icon located in the bottom right-hand corner of the 3E Protect screen.



3E Protect Access

You can login to www.3Eiq.com with the username and password that was assigned during the initial rollout of 3E Protect.

Login Language Options

Users have the ability to log in to the system and view the SDS tab in 31 languages, including:

- English - *Default Setting*
- Bulgarian
- Chinese (Simplified)
- Chinese (Traditional)
- Dutch
- Finnish
- French
- German
- Italian
- Japanese
- Korean
- Malay
- Portuguese
- Portuguese (Brazil)
- Russian
- Spanish
- Thai
- Turkish
- Vietnamese

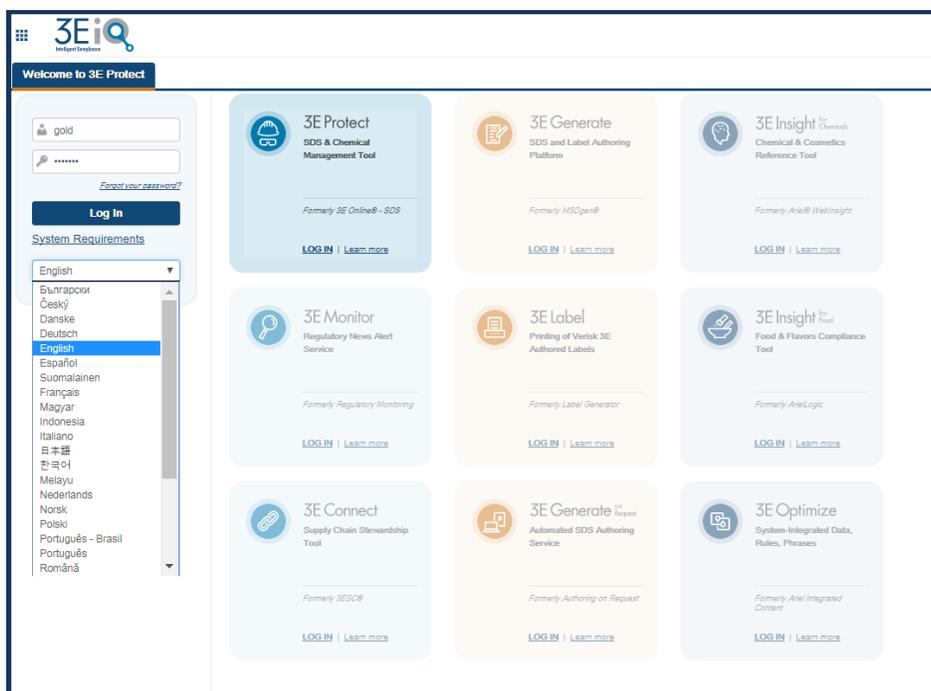


Figure 2 – 3E Protect Login Page Showing Languages

Logout

To exit your 3E Protect session, click on *Logout* in the top right corner of the 3E Protect toolbar.



Welcome gold | [My Profile](#) | [Logout](#)

Figure 3 – 3E Toolbar Showing Logout Link

User Role Groups

User Role Groups allow access to 3E Protect reports based on the functions required by the user. Role groups are designed as a security measure to limit access to specific functionality within the program. A role group is defined as a specific type of user with predefined access to 3E Protect levels. Role groups can be customized by your administrator, but there are five standard role groups within 3E Protect:

Basic User: This role is available to users who only need to locate an SDS within 3E Protect. The basic user does not have access to any reporting.

Advanced Basic User: This role is available for users who need advanced search capabilities. The Advanced Basic User has the ability to generate inventory reports.

EHS User: This role has access to all the features of the Advanced Basic User, plus the ability to generate Classification and Regulatory reports. This role is only applicable to the Gold and Platinum editions of 3E Protect.

Inventory Manager/Facility Manager: This role is for users who are responsible for managing chemical inventories for one or more locations. The Inventory Manager/Facility Manager has the ability to generate inventory reports.

Catalog Manager: The Catalog Manager role has access to all purchased features within 3E Protect. This role can access all levels of 3E Protect and generate administrative reports.

Report Center

In 3E Protect, all reports are grouped into the *Report Center* tab. Both the user role group and the 3E Protect edition determine which reports are available. Consequently, not every report in 3E Protect is available to every user.

Move your cursor over the tab to open a drop-down selection menu. Click on the selection to go to a specific 3E Protect report section.

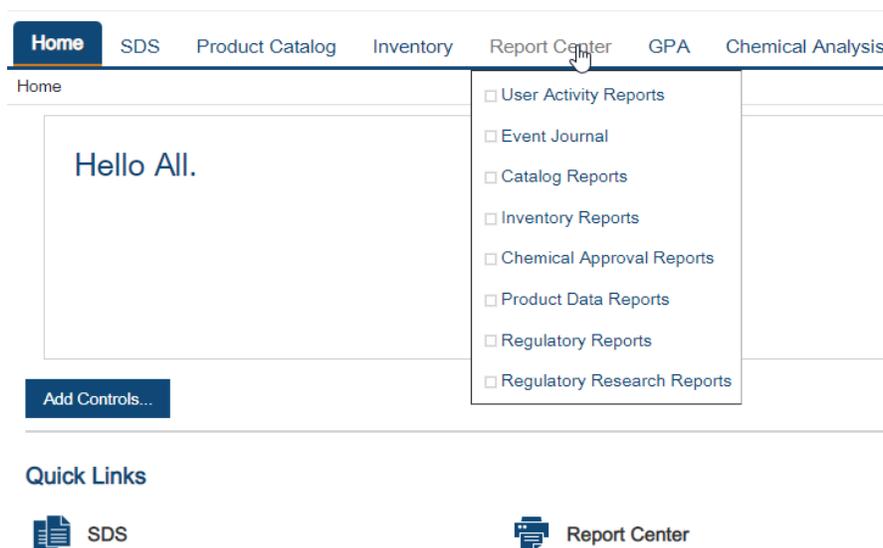


Figure 4 – 3E Protect Report Center Tab Showing Drop-Down Menu

The reports covered in this guide are:

User Activity Reports – The User Activity Reports allow tracking of users logging in to the system including time and date.

Event Journal – the *Event Journal* provides audit reports that track all system activity.

Catalog Reports – the *Catalog Reports* allow you to search for SDS and generate reports for the entire 3E Protect catalog. This tab is only available for Catalog Managers.

Inventory Reports – the *Inventory Reports* allow you to search for SDS and generate reports for a specific location or location set. This tab is only available to Inventory and Catalog Managers

Product Data Reports – the *Product Data* reports provide information from data extracted from the SDS, including HMIS®, NFPA, and GHS data.

Regulatory Reports – The *Regulatory Reports* provide candidate lists for various quantity-driven regulatory reports.

Exporting and Printing Reports

The functions of 3E Protect reports are standardized for easier report selection and exporting. To improve data analysis, most reports also allow you to add Custom Values.

Generate a Report

To generate a report:

1. Click on the report name from any report screen to select your report.
2. As needed, select your Custom Value using the optional drop-down box.
3. Click *Run Report*.

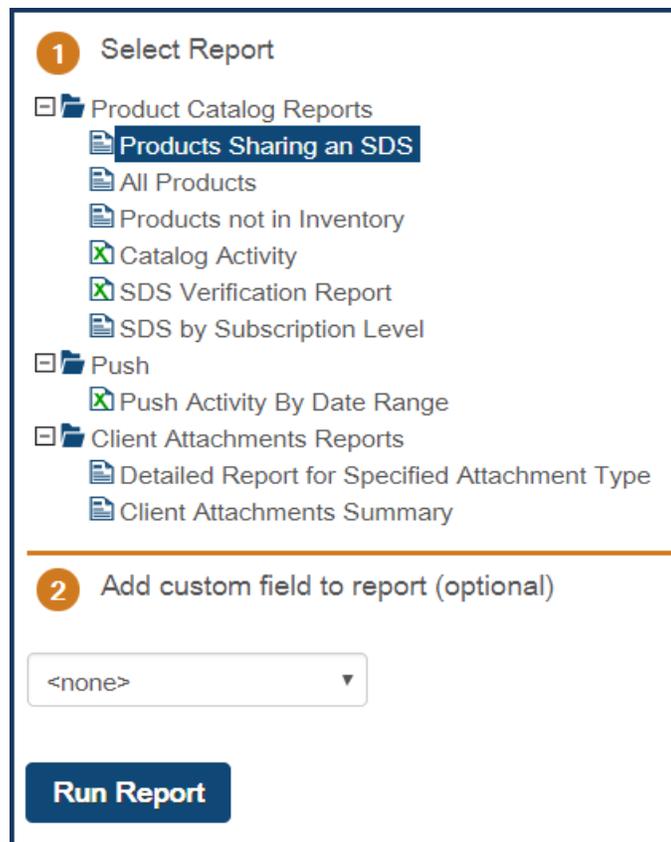


Figure 5 – Report Selection Screen

4. The *Report Viewer* window containing your report will automatically open. Depending on your web browser, the *Report Viewer* could open in either a pop-up window or separate tab.



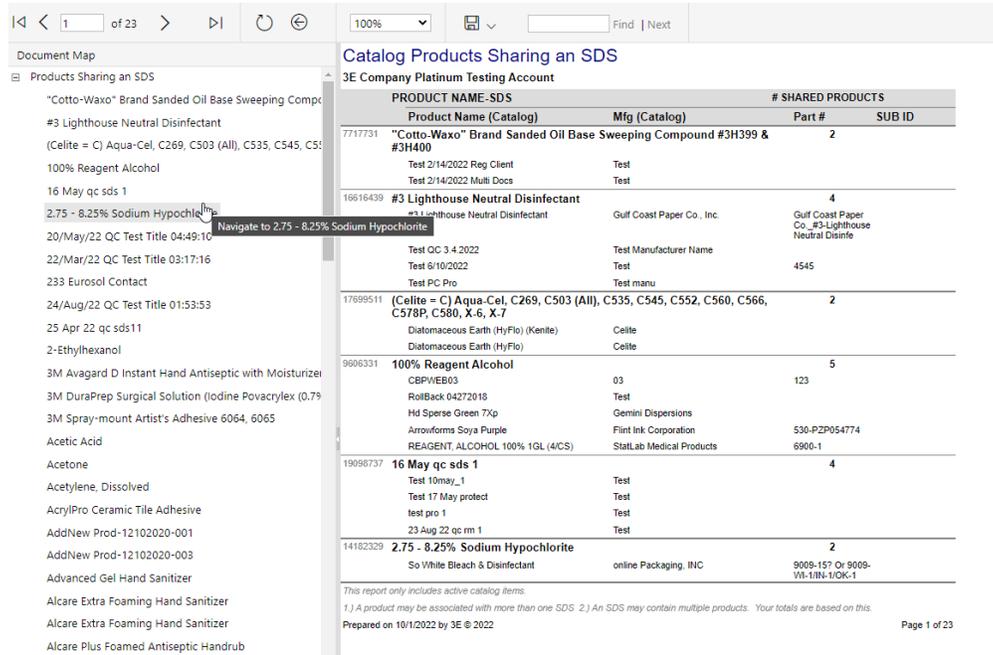


Figure 6 – Report Viewer Window

Export a Report

Most 3E Protect reports can be exported to the following formats: PDF, Excel, CSV (comma delimited), Word, XML, MHTML (web archive) or TIFF file.

To export a report:

1. Click the File icon .
2. Select the export type using the drop-down menu. Reports listed as *for Excel Export* will automatically be created in a format that is easily exported to Excel.

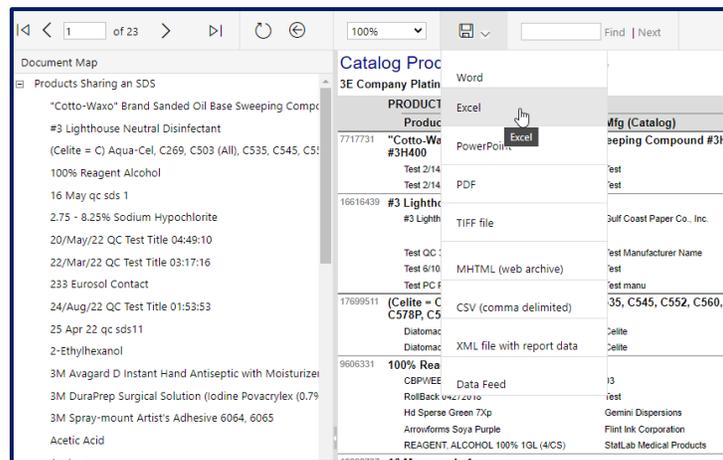


Figure 7 – Report Export Function

3. Select the type of export by clicking on the name of the file type.
4. A window will open showing the report in the format you selected. You can now print or save the report to your computer.

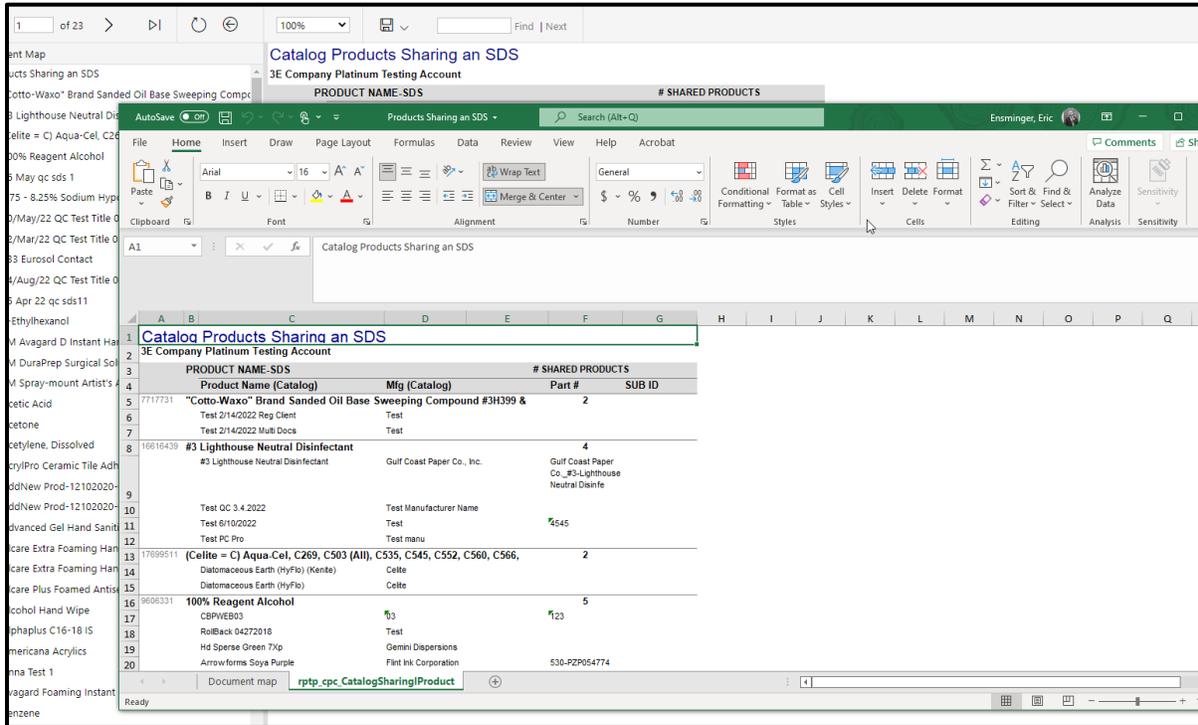


Figure 8 – Window Showing Excel Export

User Activity Reports

Access to this section is dependent on the login permission assigned given specific user roles. This tab is not available to all users. The reports in this section can assist you in managing your 3E Protect user activity.

User Activity Reports can be accessed by selecting *User Activity Reports* from the Quick Links or drop-down menu on the Report Center tab.



User Activity Summary

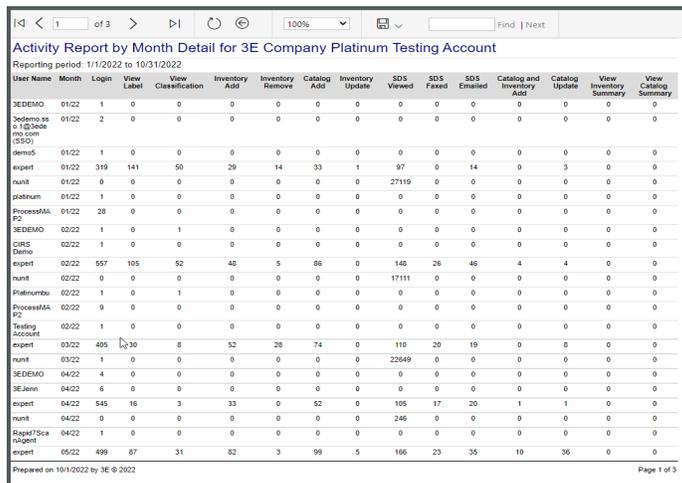
The *User Activity Summary* report will provide you with information about how your users are utilizing 3E Protect. This report will provide a summary of the number of transactions performed by user during a specified time frame. Click the calendar icon  to select the Start and End dates for your report. Once you entered the date range, click *View Report* to generate the report.

User Name	Login	View Label	View Classification	Inventory Add	Inventory Remove	Catalog Add	Inventory Update	SDS Viewed	SDS Faxed	SDS Emailed	Catalog and Inventory Add	Catalog Update	View Inventory Summary	View Catalog Summary
3EDEMO	17	0	1	0	0	0	0	0	0	0	0	0	0	0
3edemo.ssa1@3edemo.com (SSO)	2	0	0	0	0	0	0	0	0	0	0	0	0	0
demo5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
expert	3953	474	212	377	52	592	10	1135	166	248	33	63	0	0
runit	4	0	0	0	0	0	0	263998	0	0	0	0	0	0
platinum	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ProcessMA P2	38	0	0	0	0	0	0	0	0	0	0	0	0	0
CIRS Demo	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Platinumbu	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Testing Account	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3EJenn	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Rapid7ScannerAgent	27	0	0	0	0	0	0	90	90	2137	0	0	0	0
contenteditor	2	0	0	0	0	0	0	0	0	0	0	0	0	0
QA_Tester	5	0	0	0	0	0	0	0	0	0	0	0	0	0
3E9665	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3EPlatinum	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Demo02	1	0	0	0	0	0	0	0	0	0	0	0	0	0
demogenuser	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4066	474	214	377	52	592	10	265223	256	2385	33	63	0	0

Figure 9 – Activity Report Summary Report

User Activity Detail

The *User Activity Detail* report will provide a count by month of all activities that a user performs in 3E Protect. Click the calendar icon  to select the Start and End dates for your report. Once you entered the date range, click *View Report* to generate the report.



User Name	Month	Login	View Label	View Classification	Inventory Add	Inventory Remove	Catalog Add	Inventory Update	SDS Viewed	SDS Faxed	SDS Emailed	Catalog and Inventory Add	Catalog Update	View Inventory Summary	View Catalog Summary
3E DEMO	01/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3edemo ss	01/22	2	0	0	0	0	0	0	0	0	0	0	0	0	0
3edemo	01/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
expert	01/22	319	141	50	29	14	33	1	97	0	14	0	3	0	0
runit	01/22	0	0	0	0	0	0	0	27119	0	0	0	0	0	0
platinum	01/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
ProcessMA	01/22	28	0	0	0	0	0	0	0	0	0	0	0	0	0
SEDEMO	02/22	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3E Demo	02/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
expert	02/22	557	105	52	48	5	86	0	148	26	46	4	4	0	0
runit	02/22	0	0	0	0	0	0	0	17111	0	0	0	0	0	0
Platinum	02/22	1	0	1	0	0	0	0	0	0	0	0	0	0	0
ProcessMA	02/22	9	0	0	0	0	0	0	0	0	0	0	0	0	0
Testing	02/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
expert	03/22	405	30	8	52	28	74	0	110	20	19	0	8	0	0
runit	03/22	1	0	0	0	0	0	0	23649	0	0	0	0	0	0
SEDEMO	04/22	4	0	0	0	0	0	0	0	0	0	0	0	0	0
3EJenn	04/22	6	0	0	0	0	0	0	0	0	0	0	0	0	0
expert	04/22	545	16	3	33	0	52	0	105	17	20	1	1	0	0
runit	04/22	0	0	0	0	0	0	0	246	0	0	0	0	0	0
Repair/Sc	04/22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
runit	05/22	499	87	31	82	3	99	5	166	23	35	10	36	0	0

Figure 10 – Activity Report by Month Detail Report

User List (All)

The User List (All) report provides a list of all your 3E Protect users and their roles groups. This report also identifies if a user has been deactivated. This report will provide the following information:

- User Name
- Email
- First Name
- Last Name
- User Group
- Deactivated Status

User Name	Email	First Name	Last Name	User Group	Deactivated
3E DEMO	loves@arielres.com			CatalogManager1	
3edemoa	lbernstein@3ecompany.com	Louise	Bernstein	FacilityManager2	
3edemoeli				CatalogManager7	X
3EMobile	twebber@3ecompany.com			EHS User	
5030	tmainero@3ecompany.com			FacilityManager2	X
ABU				AdvancedBasicUser	

Figure 11 – User List (All) Report

Event Journal

The Event Journal is a reporting tool that allows an administrator to review actions that have occurred in the catalog. This feature provides a review of activity generated by all users within an organization. From the Event Journal screen, you can generate a report using a variety of criteria:

1. Select the location by clicking the check box (optional).
2. Select the date range (optional).
3. Enter a specific username (optional).
4. Select one or more event types by clicking the checkbox.
5. Click *Run Report* to generate the report. The report will show all activity that meets the criteria you selected. As with all 3E Protect reports, the Event Journal can be exported to Excel for further analysis.

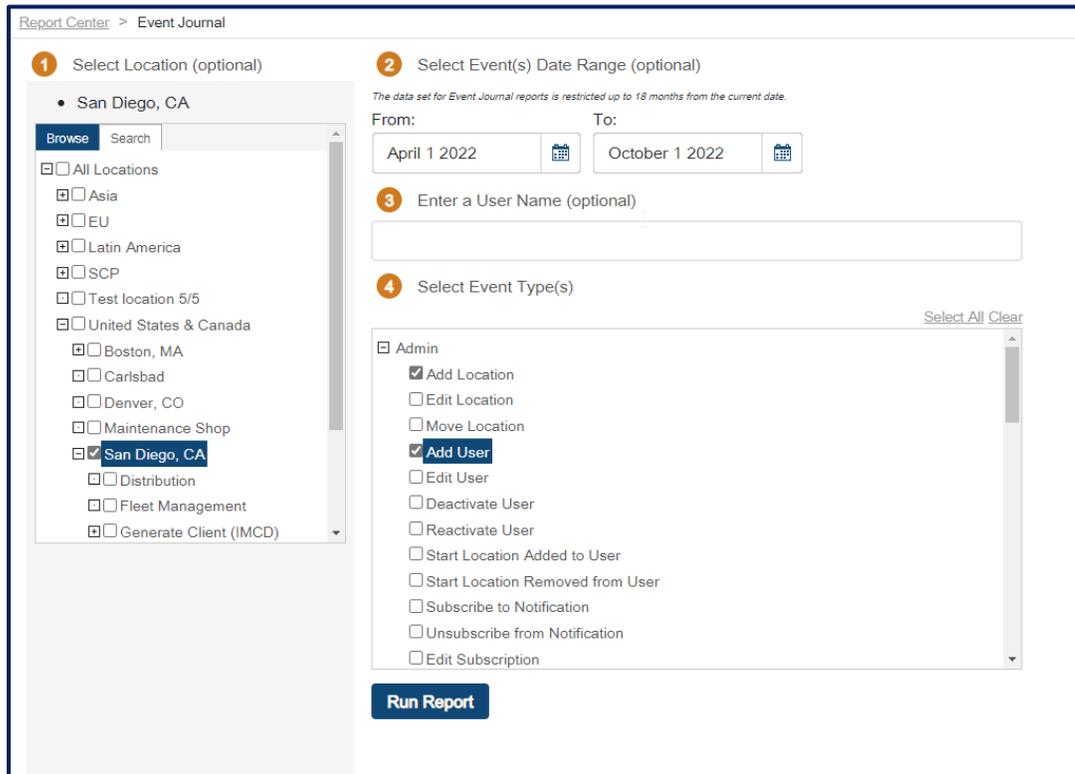


Figure 12 – Event Journal Screen

Catalog Reports

Only the **Catalog Manager** role group can access the Catalog Report features.

All features in this section are related to the complete corporate catalog and are not location specific.

Product Catalog Reports provide data on products in the catalog.

There are three types of reports available in this tab:

- Product Catalog Reports
- Push Reports
- Client Attachments Reports

Select *Catalog Reports* from the Home page or Report Center tab drop-down menu to access the Catalog Reports.

Product Catalog Reports

Product Catalog Reports provide data on products in the catalog. These reports are not location specific.

Products Sharing an SDS

The *Products Sharing an SDS* report provides information on products within the catalog that share an SDS. You can use this report to identify duplicate catalog items that are matched to the same SDS. This report will return the following information:

- SDS Name
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Client Custom Value (if selected)
- Number of Shared Products per SDS

Catalog Products Sharing an SDS				
3E Company Demo - Gold Edition				
PRODUCT NAME-SDS				# SHARED PRODUCTS
Product Name (Catalog)	Mfg (Catalog)	Part #	UPC	
6352674 (-)-1-(β-Fluorenyl)ethyl Chloroformate, 0.5 W/V % Solution in Acetone (Ca 18mM)	Merck & Co. Inc.	34-56	2	
Acetone B Class	Fisher Scientific / Acros Organic	AC259900000		
(-)-1-(β-Fluorenyl)ethyl Chloroformate, 0.5 W/V % Solution in Acetone (Ca 18mM)				
6338033 (2-Fluorophenyl)Acetone	Sigma Aldrich Fluka Chemical Canada Co.	208744	2	
(2-Fluorophenyl)Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	208744	1213456789	
(2-Fluorophenyl)Acetone, 99%			3	
(2-Fluorophenyl)acetone, 99%	Fisher Scientific	AC197350000		
(2-Fluorophenyl) Acetone, 99%	Fisher Scientific	AC197350000		
Acetone 1.2	Fisher Scientific	123231		

Figure 13 – Catalog Products Sharing an SDS Report

All Products

The *All Products* report provides a list of all products in your 3E Protect catalog. This is not a chemical inventory report as it does not list the location of the products. This report will return the following information:

- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Client Physical State
- Client Container Size
- Client Container Size UOM
- Client Container Type
- Client Custom Value (if selected)

Catalog - All Products (1235 products)							
3E Company Demo - Gold Edition							
Product Name	Manufacturer	Part #	Physical State	Container Size	UOM	Container Type	Marked for Retail
Alcolec Pg (Mixed Phosphatides with 1% To 3% Oil)	American Lecithin Company						
"31% 5R456, Z5455/3Z436 - Monterr"	Akzo Nobel Coating Inc	393418					
"Acetone, recycled (B-322)"	Kodak	10093390					
"acid-Blocking Primer" Water-Based Primer Paint	Modern Masters, Inc.						
"Air-Flo" Air Tool Oil	Relton Corporation						
"black Dragon" Black Gilsonte Asphalt Paint Bd	Whittam, J.C., Manufacturing Co.						
"C" grease	Kuroda Precision Industries Ltd						
"cyrel" Aqd 55 Containing "cyrel" Aqs Flexographic Plate Material	DuPont Chemicals						

Figure 14 – All Products in Catalog Report

Products Not in Inventory

The *Products Not in Inventory* report lists all products that are in your catalog but are not attached to any specific inventory location. This report is helpful in showing which products are not being used by a location. This report will return the following information:

- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Client Physical State
- Client Container Size
- Client Container Size UOM
- Client Container Type
- Marked for Retail
- Client Custom Value



Catalog - Products Not In Inventory (108 products)								
3E Company Demo - Gold Edition								
Product Name	Manufacturer	Part #	Physical State	Container Size	UOM	Container Type	Marked for Retail	UPC
Alcolec Pg (Mixed Phosphatides with 1% To 3% Oil)	American Lecithin Company							
"Techni-Carb" Carbon Flour	Hickman Williams & Company							
((1S)-Endo)-(-)-Bornol, 98%	Sigma Aldrich Chemical Company Inc.							
(-)-(1R)-MENTHYL ACETATE, TERPENE STANDARD	Sigma Aldrich Chemical Company Inc.							
(1S,2R)-2-Amino-1,2-Diphenylethanol	Fisher Scientific	AC368410000						
(2-Hydroxyethyl)acetylene	Chem-Impex International Inc.	24463						
(4-Chlorophenylsulfonyl)acetone	Alfa Aesar	L07059						
(Urea-Formaldehyde Bonded) Composite Panels	Roseburg Forest Products Company Incorporated							

Figure 15 – Products Not in Inventory Report

Catalog Activity

The *Catalog Activity* report shows products that have been added and removed from your 3E Protect catalog during a specified time period. Click the calendar icon  to select the Start and End dates for your report. Once you entered the date range, click *View Report* to generate the report.

This report will return the following information:

- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Added/Removed By (*the user who added or removed the product*)
- Added/Removed Date (*the date the product was added or removed from the catalog*)
- Client Custom Value

Catalog Activity from 4/1/2014 to 5/30/2014							
Catalog Product Name	Catalog Manufacturer Name	Part #	Added By	Added Date	Removed Date	UPC	
"good" Buffers Kit	Sigma Aldrich Chemical Company Inc. / SAFC	GB11	gold	5/17/2012	4/1/2014	43524356236477	
0.05 Mol Sulfuric Acid Fixanal (4.904G H2SO4 in 1ST)	Sigma Aldrich Chemical Company Inc.	38290	gold	4/1/2014			
Sulfuric Acid	Sigma Aldrich Chemical Company Inc. / SAFC	380075	gold	4/1/2014			
Sulfuric Acid white	Sigma Aldrich	AC215999999	gold	4/1/2014	4/1/2014		
Grease	Exxon Mobil	12345	Calgary	4/11/2014			
Lead-Acid Battery	Sanyo Batteries	12345	Calgary	4/16/2014			
Absolyte GP and Element (M21 and M89) Valve Regulated Lead Acid Battery	Exide Technologies		Calgary	4/16/2014			
GREASE	CHEVRON		gold	4/17/2014			
9-Volt Lithium Manganese Dioxide Batteries (TFSI Style)	Ultralife Batteries Inc.		Calgary	4/21/2014			

Figure 16 – Catalog Activity Report



SDS Verification Report

The *SDS Verification Report* provides data on the last time 3E verified with the manufacturer or supplier that the SDS is the most current available. This report is also easily exported into Excel. This report will return the following information:

- SDS Revision Date
- SDS Verified Date
- SDS Verification Status
- Last Contact Date (*last date 3E contacted the manufacturer*)
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- 3E Document ID
- SDS Product Name
- SDS Manufacturer Name
- SDS Language
- SDS Format
- SDS Country
- Client Custom Value (if selected)

There are several SDS Verification Statuses to assist you in reviewing the work 3E is performing on your behalf. The table below lists the statuses and definitions:

Status	Definition
Best Available	The SDS is the best copy available from the manufacturer.
Complete	3E has confirmed that the SDS is the most current available from the manufacturer.
Discontinued	The manufacturer has discontinued the product. The SDS provided is the most current available.
In Progress	3E is currently working to obtain a more current version of the SDS.
SDS Not Required	Per the manufacturer, the product does not require an SDS.
Out of Business	The manufacturer is out of business. 3E is not able to obtain a more current SDS.
Unresponsive	After numerous attempts, the manufacturer has not responded to 3E's request for an updated SDS.

Note: The *Revision Date* field will be blank if the SDS does not list a revision date.



3E Protect Report Center – User Guide

SDS Verification Report - for Excel Export												
Please note this report is for beta testing. If you have questions please contact your service integration specialist.												
3E Company Demo - Gold Edition												
Revision Date	Verified Date	Verification Status	Last Contact Date	Product Name (Catalog)	Manufacturer Name (Catalog)	Part Number (Catalog)	Doc ID	SDS Product Name	SDS Manufacturer Name	Language	Country	UPC
2011/01/10	2013/01/24	Best Available		"Air-Flo" Air Tool Oil	Relton Corporation		3874334	"Air-Flo" Air Tool Oil	Relton Corporation	Spanish	PUERTO RICO	
2011/01/10	2013/01/24	Best Available		"Air-Flo" Air Tool Oil	Relton Corporation		3874334	"Air-Flo" Air Tool Oil	Relton Corporation	Spanish	UNITED STATES OF AMERICA	
2013/03/10	2014/01/24	Complete		Aerosol WD-40	WD-40 Company		2899124	Aerosol WD-40	WD-40 Company	Spanish	PUERTO RICO	
2013/03/10	2014/01/24	Complete		Aerosol WD-40	WD-40 Company		2899124	Aerosol WD-40	WD-40 Company	Spanish - Mexico	MEXICO	
2013/11/19	2014/05/28	Complete		Copper Sulfide	Materion		1808027	Copper Sulfide Cu ₂ S, Powder and Pieces	Materion Advanced Chemicals / Cerac Inc.	English	UNITED STATES OF AMERICA	
2013/11/24	2013/11/24	Complete		Acetone	KMG Bernuth	402-1193750930X7	1738523	Acetone	KMG Electronic Chemicals, Inc.	English	UNITED STATES OF AMERICA	

Figure 17 – SDS Verification Report

SDS by Subscription Level

The *SDS by Subscription Level* report provides information on the region in which the SDS in your catalog are managed. This report allows you to identify SDS that are managed for North America versus those managed under International regulations. This report will return the following information:

- Subscription Level – North America or International
- SDS Manufacturer Name
- SDS Product Name
- SDS Revision Date

Note: The *Revision Date* field will be blank if the SDS does not list a revision date.

Managed SDS by Subscription Level		
3E Company Demo - Gold Edition		
Subscription Level		
Manufacturer Name	Product Name	Revision Date
US & Canada		
3E Company	WD-40 Aerosol (Test)	
3M Bondo	Acetone	1/7/2005
3M Canada Inc.	3M Super 77 Classic Spray Adhesive	10/12/2011
3M General Office	3007 3M Espe Scotchbond Multi-Purpose Etchant	12/30/2011
3M General Office	3M All Weather Elements White	2/21/2012
3M General Office	3M Automix Panel Bonding (90 Minutes) Adhesive PN 08115 - Accelerator	9/19/2012
3M General Office	3M Automix Panel Bonding Adhesive - Part A, PN 08116 (Meets GM 6449G and Daimler Chrysler MS-COD 507)	9/27/2012
3M General Office	3M Automix Panel Bonding Adhesive - Part B, PN 08116 (Meets GM 6449G and Daimler Chrysler MS-CD 507)	2/28/2012
3M General Office	3M Automix Panel Bonding Adhesive PN 08115 - Base	9/19/2012

Figure 18 – SDS by Subscription Level Report



Customized Product Report

This report will return the following information:

- Catalog Product Name
- Catalog Manufacturer Name
- Client Part Number
- Document Type
- SDS Manufacturer Name
- Customized Date
- Client Custom Value (if selected)

Catalog Product Name	Catalog Manufacturer Name	Part #	Document Type	SDS Product Name	SDS Manufacturer Name	Customized Date	UPC
"Dymel" 152A Aerosol Propellant	DuPont Canada / E.I duPont		English US (M)SDS	Dymel 152a	DuPont Canada / E.I duPont	8/18/2011	
Acetone	Fisher Scientific		English US (M)SDS	Acetone	Fisher Scientific	8/30/2011	333333333
Test 0000	ABC Manufacturing	12546	English US (M)SDS	Test 0000	ABC Manufacturing	9/30/2011	
"31% 5R456, Z5455/3Z436 - Monterr"	Akzo Nobel Coating Inc	393418	English US (M)SDS	"31% 5R456, Z5455/3Z436 - Monterr"	Akzo Nobel Coating Inc	9/27/2011	904823390853
TEST - LACQUER THINNER	3E TEST LAB		Chinese Simplified China CSDS	TEST - LACQUER THINNER	3E TEST LAB	9/30/2011	
"Acetone, recycled (B-322)"	Kodak	10093390	German Germany EU SDS	"Acetone, recycled (B-322)"	Kodak	9/30/2011	
"No-Seize" Anti-Seize Lubricant and Thread Sealant CU	J.C. Whitlam Manufacturing Company		English US (M)SDS	No-Seize Anti-Seize Lubricant And Thread Sealant Cu	Whitlam, J.C., Manufacturing Co.	11/18/2011	
Calcium Chloride 75-99 %, CCRoad, CCTech, CCFood. AB Solid Granule Form.	TETRA Chemicals Europe		English UK EU SDS	Calcium Chloride 75-99 %, CCRoad, CCTech, CCFood. AB Solid Granule Form.	TETRA Chemicals Europe	8/31/2012	

Figure 19 – Customized Product Report

Push Reports

The *Push Reports* provide information on the status of SDS Distribution requests that have been submitted to 3E via the automated distribution process. SDS Distribution is an optional feature and so data in these reports may not be available to all users.

Push Activity by Data Range

This report will provide information about push activity during a specified date range. This report will return the following information:

- 3E Internal Tracking Number
- Sent Date
- Loaded Date
- Business Unit
- Send Document Format
- Sent Client Attachment Type
- Requested Locale
- To Name
- Mailing Address Information
- Product ID
- Product ID Source
- Push Method
- Email Address Information
- Fax Information
- Push Status
- Push Distribution Item Status



Client Attachments Reports

The *Client Attachments Reports* provide information on the client-specific attachments that are available in your 3E Protect catalog. Client Attachments are an optional feature that may not be available to all users. These documents do not need to be SDS; rather they can be any document that should be available with the product.

Note: Available in the **Help** tab, the *3E Protect User Guide* contains a detailed description of the *Client Attachments* feature.

Detailed Report for Specified Attachment Type

This report will list which products have a specific client attachment. Use the drop-down box to select the attachment type. This report will return the following information:

- Total Number of Documents
- Total Number of Proprietary Document
- Client Product Name
- Client Manufacturer Name
- Client Part Number

Client Attachment Detail for VOC Information				
Total Docs	Total Proprietary Docs	Product Name	Manufacturer	Part #
1	1	Acetylene	Praxair	C2H2
1	0	Alcolec Pg (Mixed Phosphatides with 1% To 3% Oil)	American Lecithin Company	
Total Number of Documents for VOC Information: 2				
Total Number of Proprietary Documents for VOC Information: 1				

Figure 20 – Detailed Report for Specified Attachment Type Report



Client Attachments Summary

The *Client Attachments Summary* report lists all attachment types available in your catalog. This report will return the following information:

- Attachment Type
- Total Documents
- Total Proprietary Documents

Attachment Type	Total Documents	Total Proprietary Documents
M/SDS	5	0
891 Form	3	0
AIS	1	0
Certificate of Analysis	4	0
Chemical Approval Form	3	1
ConAgra Archive MSDS	1	0
DOI Tech Sheet	1	1
EU SDS	1	0
FAA Certification	3	0
Full Composition Report	1	0
Ingredient Sheets	5	2
Internal MSDS	2	1
LOAR	1	1
MSDSPlus	1	0
Packing Instructions	1	0
Photo	2	0
PPE	1	0
Product Spec Sheet	4	0
Prop 65	2	0
Risk Assessment	3	0
SDS	10	0
tech data sheet	3	1
Tech Data Sheet (TDS)	2	0
technical data	1	0
Training Document	1	0
VOC Information	2	1
Waste Manifests	3	0
Waste Profile	1	0
WHMS	1	0
Totals for 3E Company Demo - Platinum Edition:	69	8

Figure 21 – Client Attachment Summary Report



Inventory Reports

Inventory Report access is dependent on the login permission assigned given specific user roles in addition to the 3E Protect edition purchased. Inventory reports may not be available to all users. All reports in this section are location specific.

Inventory Reports can be accessed by selecting *Inventory Reports* from the Quick Links or drop-down menu on the Inventory tab.

To generate an Inventory Report:

1. Select *Inventory Reports* from the Home page or tab drop-down menu.
2. Under *Select Location*, click on the location name to select the location for your report (optional). Click on the plus sign **+** to view the sub-locations. Click on the Report Name to select your report.
3. Use the drop-down box to add a Custom Value (optional).
4. Click *Run Report* to generate your report. Only products entered into your selected location will appear on your report.

Report Center > Inventory Reports

1 Select Location (optional)

Denver, CO

Browse Search Clear

- My locations
 - Asia
 - EU
 - Latin America
 - SCP
 - Test location 5/5
 - United States & Canada
 - Boston, MA
 - Carlsbad
 - Denver, CO
 - Maintenance Shop
 - San Diego, CA
 - Vancouver, BC
 - Verticals
 - Z-Inactive Locations

2 Select Report

- Inventory Summary
- SDS Verification Report by location
- Inventory Activity
- Inventory Activity Summary
- Incomplete Ingredients
- Export ELink to SDS
- REACH - SDS with Exposure Scenarios (eSDS) by Location
- Safety Cards By Product
- Locations and Obtainment Types
- SDS Counts by Location
- View Inventory List
 - by Product Name with Ingredients
 - by Product Name with REACH Registration Numbers
 - by Location with Quantity
- by Status
 - All Products with Document Type
 - by CAS RN
 - by REACH RN
- by Emission
 - Summary
 - Detail report by Chemical
 - Detail report by Product
- Users by Inventory Location
 - Users Assigned To Location or Sublocation
 - Users With Permissions To Location

3 Add custom field to report (optional)

SUB ID

Run Report

Figure 22 – Inventory Report Screen

Inventory Summary

The *Inventory Summary* is the most common report utilized in 3E Protect. This report allows you to generate a chemical inventory report for your location. This report will automatically open in Excel and returns the following information:

- 3E Product UID (*hidden value)
- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Product Status
- SDS Revision Date
- Quantity
- Notes
- All Client Custom Values and Product Identifiers

ProductUID	Location	Product Name	Manufacturer Name	Part #	Status
b12eaa1-6059-4019-9b56-a79a617140f7	United States - Eastern Region > Bo	1025 1038 BLACK DRY INK	XEROX CORPOR	A-0042	MATCHED
36c814b4-210b-4a7a-995a-e070acd546ae	United States - Eastern Region > Bo	1025/1038/2510 BLACK TONER	XEROX CORPOR	6R122	MATCHED
fb8cd2ec-447c-4bf5-b3e8-4653f5e3c976	United States - Eastern Region > Bo	5018/5028/5034 BLACK DRY INK/BLACK	XEROX CORPOR	6R255	MATCHED
fb8cd2ec-447c-4bf5-b3e8-4653f5e3c976	United States - Eastern Region > Bo	5018/5028/5034 BLACK DRY INK/BLACK	XEROX CORPOR	6R255	MATCHED

Figure 23 – Inventory Summary Report

SDS Verification Report by Location

The *SDS Verification Report by Location* report provides data on the last time 3E verified with the manufacturer or supplier that the SDS is the most current available. The report can be filtered down by location and is also easily exported into Excel. This report will return the following information:

- Location
- SDS Revision Date
- SDS Verified Date
- SDS Verification Status
- Last Contact Date (*last date 3E contacted the manufacturer*)
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- 3E Document ID
- SDS Product Name
- SDS Manufacturer Name
- SDS Language
- SDS Format
- SDS Country
- GHS Indicator
- Client Custom Value (if selected)



SDS Verification Report by location - For Excel Export

NOTICE: The Last Contact Date is currently being investigated and we hope to resolve the issue by the end of Q2 2022

3E Company Platinum Testing Account - United States & Canada > Denver, CO and all sub-locations

Location	Revision Date	Verified Date	Verification Status	Last Contact Date	Product Name (Catalog)	Manufacturer Name (Catalog)	Part Number (Catalog)	SDS Product Name	SDS Manufacturer Name	Language	Country	GHS	SUB ID
United States & Canada > Denver, CO	2019/05/09	2021/03/19	Complete		Motor Oil 10W/30	Mobil Oil Corporation		3551469 Mobil 1 10W/30	Exxon Mobil/ Exxon Co / Exxon Lubricants & Petroleum Spec/ Mobil Oil Corporation	English	UNITED STATES OF AMERICA		
United States & Canada > Denver, CO	2016/04/20	2021/08/24	Complete		Prolog Super Lubricant SPL100	Golden West Lubricants, Inc.	40016	130461 Prolog SPL100 Super Penetrating Lubricant Aerosol	Golden West Lubricants	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2019/05/29	2020/06/15	Complete		Aldolite 1201	Hentel Surface Technologies	594410	35008 Bordenhe MGR 1201 Aero Aerosol Aldolite 1201	Hentel Corp/ Hentel Lofite Corp/ Hentel/ FP Chem/Fel Piv Chemical/Hentel Surface	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2020/01/15	2021/08/17	Complete		Sodium Bicarbonate	Sigma Aldrich Chemical Company Inc.	S4019	3560568 Sodium Bicarbonate	Milipore Sigma	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2019/11/06	2021/01/06	Complete		Fuel System Treatment	Harbor Freight Tools		4500012 Fuel System Treatment	Harbor Freight Tools	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2019/05/08	2021/07/20	Complete		Precision and Accuracy Check Kit (Match to Doc ID 2310229)	Beckman Coulter	472055-75	1489526 Precision and Accuracy Check (Component B)	Beckman Coulter, Inc.	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2019/05/31	2021/03/11	Complete		ABC Fire Extinguisher	Walter Kidde Portable Equipment Co.		4684369 Commercial ABC Dry Chemical Fire Extinguishing Agent, Pressurized and Non-pneumatic	Walter Kidde Portable Equipment Co.	English	UNITED STATES OF AMERICA		X
United States & Canada > Denver, CO	2006/10/18	2021/08/26	Complete		"Zylon" Test Sample A, B, C	DuPont Chem USA		1817947 "Zylon" Test Sample A, B, C	DuPont Chem USA	English	UNITED STATES OF AMERICA		
United States & Canada > Denver, CO	2000/03/03	2021/09/14	Complete	2021/09/14	CETP Test	Fujifilm Wako Chemicals USA	2000050E1	2083540 CETP Test	Fujifilm Wako Chemicals USA	English	UNITED STATES OF AMERICA		
United States & Canada > Denver, CO	2017/03/07	2021/09/14	Complete	2021/09/14	Alice Med Anti-Bacterial Hand Cleanser	DEB Canada Inc. & SBS Products	SF 047	1518217 Alice Med Anti-Bacterial Hand Cleanser	DEB Canada Inc. & SBS Products/Sbs Swafega / DEB Worldwide	English	UNITED STATES OF AMERICA		

Figure 24 – SDS Verification by Location Report

Inventory Activity

The *Inventory Activity* report shows products that have been added and removed from your selected inventory during a specified time period but is configured to be easily exported to Excel. Click the

calendar icon  to select the Start and End dates for your report. Once you entered the date range, click *View Report* to generate the report. This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Added/Removed By
- Added/Removed Date
- Client Custom Value

Please Choose a Start Date 1/1/2019 Please Choose an End Date 10/1/2022

Inventory Activity from 1/1/2019 to 10/1/2022

Location	Catalog Product Name	Catalog Manufacturer Name	Added By	Added Date	Removed By	Removed Date	Part #	SUB ID
United States & Canada > Denver, CO	Acetone	Fisher Scientific	3EPlatinum	8/22/2016	Verisk 3E	2/8/2022		
United States & Canada > Denver, CO	"Lo-Sealor" Anti-Seize Lubricant and Thread Sealant CU	J.C. Whitlam Manufacturing Company	platinum	8/27/2009	Verisk 3E	2/8/2022		
United States & Canada > Denver, CO	WD-40	WD-40 Company	TransDemo	9/30/2011	Verisk 3E	2/8/2022	10010	
United States & Canada > Denver, CO	25mm Marine Aerial Signal - HFP (Plastic Cartridge) (red)	Orion Safety Products	platinum	11/30/2012	Verisk 3E	2/8/2022		
United States & Canada > Denver, CO	Dulling Spray	Krylon Co.	expert	4/12/2017	Verisk 3E	2/8/2022		1310
United States & Canada > Denver, CO	"good" Buffers Kit	Sigma Aldrich Chemical Company Inc. / SAFC	emcveigh	1/23/2014	Verisk 3E	6/28/2021		GB 11
United States & Canada > Denver, CO	PCB Kit 3 (Match to Doc ID 111997)	Sigma Aldrich USA	expert	6/15/2017	Verisk 3E	3/21/2022		48825
United States & Canada > Denver, CO	2,3,5-Triphenyltetrazolium Chloride, for Testing Seeds and for Microbiology (Tic, Tl, Tetrazolium Chloride)	VWR International Limited	Verisk 3E	5/14/2020				
United States & Canada > Denver, CO	Test PDF Upload 03132109 - DO NOT PROCESS	Test	expert	3/13/2019				
United States & Canada > Denver, CO	Test Prod 10062020 - 1	3E	expert	10/8/2020	Verisk 3E	8/16/2021		

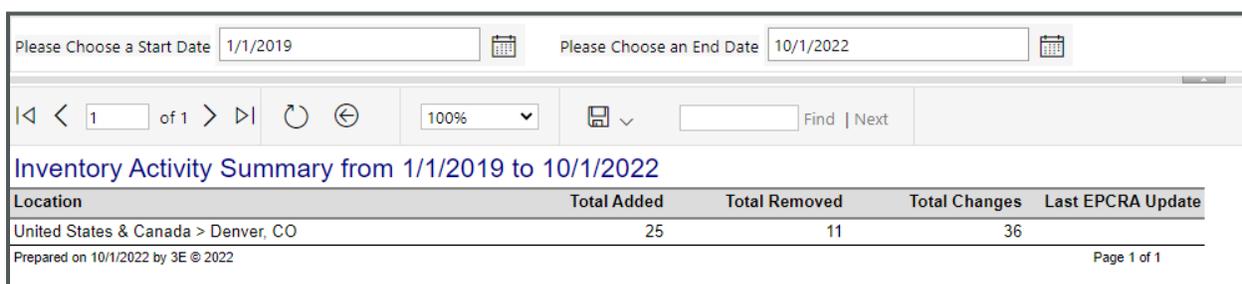
Figure 25 – Inventory Activity Report

Inventory Activity Summary

The *Inventory Activity Summary* report shows a summary of products that have been added and removed from your selected inventory during a specified time period but is configured to be easily exported to Excel.

Click the calendar icon  to select the Start and End dates for your report. Once you entered the date range, click *View Report* to generate the report. This report will return the following information:

- Location
- Total Added
- Total Removed
- Total Changes



Location	Total Added	Total Removed	Total Changes	Last EPCRA Update
United States & Canada > Denver, CO	25	11	36	

Prepared on 10/1/2022 by 3E © 2022 Page 1 of 1

Figure 26 – Inventory Activity Summary Report

REACH - SDS with Exposure Scenarios (eSDS) by Location

This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- SDS Product Name
- Language
- Country
- SDS Revision Date
- eSDS
- Date eSDS Available in 3E Protect
- Client Custom Value



REACH - SDS with Exposure Scenarios (eSDS) by Location - for Excel Export											
3E Company Demo - Platinum Edition - Domestic Locations > United States and all sub-locations											
Location	Product Name (Catalog)	Manufacturer Name (Catalog)	Part Number (Catalog)	SDS Product Name	SDS Manufacturer Name	Language	Country	SDS Revision Date	eSDS	Date eSDS Available in 3E Online	Internal NBR
Domestic Locations > United States > Carlsbad, CA	#57 Limestone	SME Limestone Co		#57 Limestone	SME Limestone Co	English	UNITED STATES OF AMERICA		No		
Domestic Locations > United States > Seattle WA	Muriatic Acid	Value Smart Products		Muriatic Acid	Value Smart Products	English	UNITED STATES OF AMERICA		No		
Domestic Locations > United States > Carlsbad, CA	Muriatic Acid	Ecolab	17570	Muriatic Acid	Ecolab	English	UNITED STATES OF AMERICA	1995/10/27	No		
Domestic Locations > United States > Carlsbad, CA	"Delrin" Acetal Resin Color Concentrates All in Synonym List DEL031B	DuPont Chemicals		"Delrin" Acetal Resin Color Concentrates All in Synonym List DEL031B	DuPont Chemicals	English	UNITED STATES OF AMERICA	1998/02/17	No		

Figure 28 – REACH – SDS with Exposure Scenarios (eSDS) by Location Report

By Product Name with Ingredients

This report lists your chemical inventory sorted by product name, but includes the chemical name, CAS# and maximum percentage. The *By Product Name with Ingredients* report will return the following information:

- Client Manufacturer Name
- Client Product Name
- Client Part Number
- Client Custom Value
- Location
- Chemical Name
- Chemical Abstract Service (CAS) Number
- Maximum Percentage of Ingredient

Inventory List By Product Name with Ingredients				
3E Company Demo - Platinum Edition - Domestic Locations > United States > Carlsbad, CA and all sub-locations				
Location				
Mfg Part Number	Product Name	Manufacturer Name	CAS Number	Internal NBR
	Chemical Name			MAX%
DOMESTIC LOCATIONS > UNITED STATES > CARLSBAD, CA				
	- 0° F Splash Windshield Washer Fluid with Bitrix	SuperClean Brands, Inc.		123461
	Denatonium Benzoate		003734-33-6	1.00
	gkk			
	Methanol		000067-56-1	2.00
GB11	""good"" Buffers Kit	Sigma Aldrich Chemical Company Inc. / SAFC		123460
	Good Buffers			
	"citrus Kleen" Solvent Replacement Cleaner	Green Power Chemical		
	Benzenesulfonic acid, dimethyl-, sodium salt		001300-72-7	
	Ethanol, 2-butoxy-		000111-76-2	
	Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-		009016-45-9	
	Silicic acid (H2Si2O5), disodium salt		013870-28-5	
	Triphosphoric Acid Penta Sodium Salt			
	Water		007732-18-5	
	"cotoran" 80Df Herbicide	Dupont Crop Protection Company		
	Inert			20.00
	Urea, N,N-dimethyl-N-[3-(trifluoromethyl)phenyl]-		002164-17-2	80.00

Figure 29 – Product Name with Ingredients Report

Note: *Ingredient information is a purchased 3E Protect feature. It is not available to all users.*



By Product Name with REACH Registration Numbers

This report lists your chemical inventory sorted by product name, but includes the chemical name, CAS#, REACH Registration Number and maximum percentage. The *By Product Name with Ingredients* report will return the following information:

- Client Manufacturer Name
- Client Product Name
- Client Part Number
- Client Custom Value
- Location
- Chemical Name
- Chemical Abstract Service (CAS) Number
- REACH Registration Number
- Maximum Percentage of Ingredient
- Client Custom Value

Inventory List By Product Name with REACH Registration Numbers					
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum and all sub-locations					
Location					
Mfg Part Number	Product Name	Manufacturer Name	CAS Number	REACH Registration Number	UPC Code
	Chemical Name				MAX%
3E GOLD/PLATINUM > BOSTON, MA					
A887-212	Ammonium Hydroxide	Fisher Scientific / Acros Organic			
	Water		007732-18-5		75.00
	Antibacterial Clean & Smooth	Ecolab Ltd			
	2,4-Pentanediol, 2-methyl-Boric acid (H3BO3)		000107-41-5		5.00
	Fatty acids, coco, potassium salts		010043-35-3		1.00
	Phenol, 5-chloro-2-(2,4-dichlorophenoxy)-		061789-30-8		10.00
	Poly(oxy-1,2-ethanediyl), a-sulfo-w-hydroxy-, C10-16-alkyl ethers, sodium salts		003380-34-5		1.00
			068585-34-2		5.00
32010	Aroclor 1248 Mix	Restek Corporation			
	Aroclor 1248		012672-29-6		.10
	Hexane		000110-54-3		99.90
32011	Aroclor 1254 Mix	Restek Corporation			
	Hexane		000110-54-3		99.90
	Polychlorinated biphenyl (54% CL)		011097-69-1		.10
32012	Aroclor 1260 Mix	Restek Corporation			
	Aroclor 1260		011096-82-5		.10
	Hexane		000110-54-3		99.90
B9845	Boric Acid	Sigma Aldrich Chemical Company Inc. / SAFC			
	Boric acid (H3BO3)		010043-35-3	01-2119486683-25-XXXX	100.00
R00000630500	Butane	Toledo Refining Company LLC			

Figure 30 – Inventory List by Product Name with REACH Registration Numbers Report



By Location with Quantity

The *By Location with Quantity* report provide a simple chemical inventory that lists all products by location and all sub-locations, with quantity totals. Quantity information is only viewable if entered into 3E Protect.

This report will return the following information:

- Client Manufacturer Name
- Client Product Name
- Client Part Number
- Client Custom Value
- Location & Sub-Locations
- Quantity
- Container Size
- Container Size Unit of Measure

Note: *Quantity, Container Size and Container Unit of Measure must be entered in the 3E Protect catalog in order for this data to appear on the report.*

Inventory List By Location with Quantities						
3E Company Demo - Platinum Edition - Domestic Locations > United States > Carlsbad, CA and all sub-locations						
Location						
Manufacturer	Product Name	Part #	Quantity	Size	UOM	Internal NBR
DOMESTIC LOCATIONS > UNITED STATES > CARLSBAD, CA						
Alfa Aesar/Avocado Research Chemicals	Vanadium Nitride	13082				
Dupont Canada /E.I duPont	"Dymel" 152A Aerosol Propellant					123456
DuPont Chem USA	"dupont" "ally" Herbicide					
DuPont Chemicals	"Delrin" Acetal Resin Color Concentrates All in Synonym List DEL031B					
	"dupont" "canopy" Sp Herbicide					
	"dupont" "cimarron" X-Tra (Mp) Herbicide		1.0000			
Dupont Crop Protection Company	"cotoran" 80Df Herbicide					

Figure 31 – By Location with Quantity Report



By Status

The *By Status* reports provide you with information about the status of the products on your inventory.

The table below lists the 3E status and definition:

Status	Definition
Deactivated	The product has been archived. It is no longer listed as an active product in your inventory but has been archived indefinitely.
In Progress	3E is currently working to obtain the SDS for you.
Needs Info	3E requires additional information in order to match the product to the correct SDS.
Not Hazardous	The product is not hazardous and does not require an SDS.
Matched	The product is matched to an SDS.

All Products with Document Type

The *All Products with Document Type* report will list all products by status. It identifies the products in your inventory that are archived or matched to SDS. This report will return the following information:

- Client Manufacturer Name
- Client Product Name
- Client Part Number
- Client Custom Value
- Location & Sub-Locations
- Status
- Document Type

Inventory List by Status - All Products with Document Type						
Location	Product Name	Manufacturer Name	Manufacturer Part #	Item Status	Document Type	Internal NBR
Domestic Locations > United States > Carlsbad, CA	- 0° F Splash Windshield Washer Fluid with Bitrix	SuperClean Brands, Inc.		Stopped	English US (M)SDS	123461
Domestic Locations > United States > Carlsbad, CA	"Dymel" 152A Aerosol Propellant	Dupont Canada / E.I duPont		Stopped	English US (M)SDS	123456
Domestic Locations > United States > Carlsbad, CA	(-)-2,3-O-ISOPROPYLIDENE-D-ERYTHRON O-LACTONE	Sigma Aldrich Chemical Company Inc.		Not Hazardous	English US (M)SDS	
Domestic Locations > United States > Carlsbad, CA	PROD Test 2/04/14 - DO Test NOT PROCESS		120000G	Not Hazardous	English US (M)SDS	
Domestic Locations > United States > Carlsbad, CA	PROD Test 3/20/14 - DO Test NOT PROCESS			Not Hazardous	English US (M)SDS	
Domestic Locations > United States > Carlsbad, CA	PROD Test 3/25/14 - 2 - Test DO NOT PROCESS			Not Hazardous	English US (M)SDS	

Figure 32 – All Products with Document Type Report



By CAS RN

The *By CAS RN* report provides information on the products in your inventory by CAS Registry Number. The report lists the CAS Number and identifies every product containing that ingredient. This report will return the following information:

- CAS Registry Number
- Chemical Name
- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number

Inventory List By CAS			
3E Company Demo - Platinum Edition - Domestic Locations > United States > Carlsbad, CA and all sub-locations			
CAS#	Chemical Name	Manufacturer	Part #
	Product Name		
	Location		
000050-00-0	Formaldehyde		
	"DELRIN" ACETAL RESIN COLOR CONCENTRATES ALL IN SYNONYM LIST DEL031B	DuPont Chemicals	
	Domestic Locations > United States > Carlsbad, CA		
000067-56-1	METHANOL		
	- 0° F SPLASH WINDSHIELD WASHER FLUID WITH BITRIX	SuperClean Brands, Inc.	
	Domestic Locations > United States > Carlsbad, CA		
000067-64-1	2-Propanone		
	(-)-1-(9-FLUORENYL)ETHYL CHLOROFORMATE SOLUTION	Sigma Aldrich Chemical Company Inc. / SAFC	338710
	Domestic Locations > United States > Carlsbad, CA		
	ACETYLENE	The Linde Group	123445
	Domestic Locations > United States > Carlsbad, CA		

Figure 33 – By CAS RN Report

By REACH RN

The *By REACH RN* report provides information on the products in your inventory by REACH Registry Number. The report lists the CAS Number and identifies every product containing that ingredient. This report will return the following information:

- REACH Registry Number
- Chemical Name
- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number



Inventory List By REACH Registration Number			
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum and all sub-locations			
REACH Registration Number	Chemical Name		Part #
	Product Name	Manufacturer	
Location			
01-2119471330-49-XXXX	Acetone		
	ACETONE	Sigma Aldrich Chemical Company Inc. / SAFC	24201
	3E Gold/Platinum > Chicago, IL		
	ACETONE	Fisher Scientific / Acros Organic	A/0608/10RSS
	3E Gold/Platinum > San Diego, CA > Laboratory		
3E Gold/Platinum > Vancouver, BC > Dept 1			
3E Gold/Platinum > Vancouver, BC > Dept 2			

Figure 34 – By REACH RN Report

Users Assigned to Location or Sub-Location

The *Users Assigned to Location or Sub-Location* report will provide information about each 3E Protect user and the specific location(s) they can access. This report is useful for determining which users can access specific locations. This report will return the following information:

- User Name
- User Group
- First Name
- Last Name
- Location

Users Assigned To Inventory Location or Sublocation - For Excel Export				
3E Company Demo - Platinum Edition - Domestic Locations > United States and all sub-locations				
User Name	User Group	First Name	Last Name	Location
dkplatbasic	AdvancedBasicUser			Domestic Locations > United States
dkplatinum	CatalogManager			Domestic Locations > United States
jahrendt	AdvancedBasicUser	Jason	Ahrendt	Domestic Locations > United States
jane_smith	CatalogManager2			Domestic Locations > United States > Las Vegas, NV

Figure 35 – Users Assigned to Location or Sub-Location Report



Users with Permissions to Location

The *Users with Permissions to Location* report shows each active 3E Protect user in your organization that can access locations in your facility tree. The report also includes their user group. This report will return the following information:

- User Name
- User Group
- First Name
- Last Name
- Location

Users With Permissions To Inventory Location - For Excel Export				
3E Company Demo - Platinum Edition - Domestic Locations > United States and all sub-locations				
User Name	User Group	First Name	Last Name	Location
3EDEMO	CatalogManager1			All Locations
advplatinum	CatalogManager			All Locations
cwidodo@3ecompany.com	CatalogManager			All Locations
DEMO	None1			All Locations
demo2	BasicUser			All Locations
dkplatbasic	AdvancedBasicUser			Domestic Locations > United States
dkplatinum	CatalogManager			Domestic Locations > United States
ermcveigh	CatalogManager1			Domestic Locations
expert	CatalogManager			All Locations
HaynesBrandGPA	Demo Catalog Manager			All Locations

Figure 36 – User with Permissions to Location Report



Product Data Reports

Access to Product Data Reports is dependent on the login permission assigned given specific user roles in addition to the 3E Protect edition and modules purchased. This report may not be available to all users. All reports in this section are location specific.

Reports in this tab are divided into five categories:

- By Physical State
- By HMIS
- By NFPA
- By VOC
- EU Labeling
- GHS/CLP
- WHMIS Classification



To generate a Product Data Report:

1. Select *Product Data Reports* from the Home page or tab drop-down menu.
2. Under *Select Location*, click on the location name to select the location for your report (optional). Click on the plus sign  to view the sub-locations. Click on the Report Name to select your report.
3. Use the drop-down box to add a Custom Value (optional).
4. Click *Run Report* to generate your report. Only products entered into your selected location will appear on your report.



Hazard Classification

Reports in the *Hazard Classification* section of the menu provide information based on data 3E has transcribed from the SDS. The availability of data is dependent on the chemical manufacturer including the information on the SDS.

Hazard Classification Comparison

The *Hazard Classification Comparison* report provides a simple report that lists all classification data for a single product. This report allows you review classification information for a product based on both data transcribed from the SDS and 3E interpreted Fire Code. The *Hazard Classification Comparison* report is configured in a format that is easily exported to Excel and provides the following data:

- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- SDS Language
- SDS Country
- SDS Document Title
- GHS/CLP Hazard Class & Category
- GHS/CLP Signal Word
- GHS/CLP H & P Codes
- U.S. HMIS
- U.S. NFPA
- U.S. SARA
- International Fire Code
- Canadian
- Client Custom Value

Hazard Classification Comparison								
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > Boston, MA and all sub-locations								
Location	Product Name (Catalog)	Manufacturer Name (Catalog)	Part Number (Catalog)	Language	Country	Document Title	GHS/CLP Hazard Class & Category	GHS/CLP Signal V
3E Gold/Platinum > Boston, MA	XYZ Training Product	Any Manufacturer	5245345	English	UNITED STATES OF AMERICA	3958-1111 WD-40		
3E Gold/Platinum > Boston, MA	Sodium Bicarbonate Hemodialysis Concentrate Solution	Baxter Corporation		English	UNITED STATES OF AMERICA	Sodium Bicarbonate Hemodialysis Concentrate Solution	Serious eye damage/eye irritation: Category 2	Warning
3E Gold/Platinum > Boston, MA	Gas Treat 157	Champion Technologies, Inc. (USA)		English	UNITED STATES OF AMERICA	Gas Treat 157		

Figure 37 – Hazard Classification Comparison Report



By HMIS

The *By HMIS* report provides the Hazardous Material Identification System® ratings for the products in your selected location, if available on the SDS. If your organization has purchased 3E’s Chemical Classification service, the HMIS ratings available on the report will reflect 3E’s interpreted classification and may differ from the SDS. This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- HMIS Health Rating
- HMIS Fire Rating
- HMIS Reactivity Rating
- HMIS PPE Rating
- Client Custom Value

Classification by HMIS Report - for Excel Export								
Location	Product Name	Manufacturer	Chronic	HMIS Health	HMIS Fire	HMIS Reactivity	HMIS PPE	SKU Number
3E Gold/Platinum > Boston, MA	14 Antibacterial All Purpose Cleaner	Ecolab		3	2	0	D	
3E Gold/Platinum > Boston, MA	Acetic Acid	Fisher Scientific / Acros Organic	*	3	2	0	D	
3E Gold/Platinum > Boston, MA	Acetone	Recochem Inc.		1	3	0	B	
3E Gold/Platinum > Boston, MA	Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	*	2	3	0	D	5363457588765

Figure 38 – Classification by HMIS Report

By NFPA

The *By NFPA* report provides the National Fire Protection Association ratings for the products in your selected location, if available on the SDS. If your organization has purchased 3E’s Chemical Classification service, the NFPA ratings available on the report will reflect 3E’s interpreted classification and may differ from the SDS. This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- NFPA Health Rating
- NFPA Fire Rating
- NFPA Reactivity Rating
- NFPA Special
- Client Custom Value



Classification by NFPA Report - for Excel Export							
Location	Product Name	Manufacturer	NFPA Health	NFPA Fire	NFPA Reactivity	NFPA Special	SKU Number
3E Gold/Platinum > Boston, MA	14 Antibacterial All Purpose Cleaner	Ecolab	3	2	0	COR	
3E Gold/Platinum > Boston, MA	Acetic Acid	Fisher Scientific / Acros Organic	3	2	0	COR	
3E Gold/Platinum > Boston, MA	Acetone	Recochem Inc.	1	3	0		
3E Gold/Platinum > Boston, MA	Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	2	3	0		5363457588765

Figure 39 – Classification by NFPA Report

Hazard Class – IFC

The *Hazard Class – IFC* report provides International Fire Code Physical and Health Hazard ratings for the products in your selected location. The data in this report is an optional 3E Protect module and may not be available to all users. This report will return the following information:

- Location
- Product Name
- Manufacturer Name
- Manufacturer Part Number
- Physical Hazards
- Health Hazards
- Physical State
- Boiling Point
- Flash Point
- Client Custom Value

Hazard Class Report - IFC - for Excel Export									
Location	Product Name	Manufacturer	Part #	Physical Hazards	Health Hazards	Physical State	Boiling Point	Flash Point	UPC Code
3E Gold/Platinum > Boston, MA	(-)(1R)-Menthyl Acetate	Sigma Aldrich Chemical Company Inc. / SAFC	45990	CLIIIA	IRR	L	300.00 C	77.00 C	
3E Gold/Platinum > Boston, MA	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 18Mmol Solution in Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	335975		IRR, OHH	L			
3E Gold/Platinum >	1,1-Dichloroacetone, 98%	Fisher Scientific	AC210680000	CLII	IRR	L	118.00 C	46.00 C	

Figure 40 – Hazard Classification - IFC Report



Hazard Class – SARA Hazards

The *Hazard Class – SARA* report provides information about the SARA Hazards. The data in this report is an optional 3E Protect module and may not be available to all users. This report will return the following information:

- Location
- Product Name
- Manufacturer Name
- Manufacturer Part Number
- Fire Hazards
- Reactive Hazards
- Pressure Release Hazards
- Acute Health Hazards
- Chronic Health Hazards
- Client Custom Value

Hazard Class Report - SARA Hazards - for Excel Export									
Location	Product Name	Manufacturer	Part #	Fire	Reactive	Pressure Release	Acute Health	Chronic Health	UPC Code
3E GoldPlatinum > Boston, MA	(-)-1(R)-Menthyl Acetate	Sigma Aldrich Chemical Company Inc. / SAFC	45990	✓			✓		
3E GoldPlatinum > Boston, MA	(+)-1-(3-Fluorenyl)ethyl Chloroformate, 18Mmol Solution in Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	335975				✓	✓	
3E GoldPlatinum > Boston, MA	1,1-Dichloroacetone, 98%	Fisher Scientific	AC210660000	✓			✓		
3E GoldPlatinum > Boston, MA	10% Buffered Formalin (Blue)	Fisher Scientific		✓			✓	✓	
3E GoldPlatinum > Boston, MA	14 Antibacterial All Purpose Cleaner	Ecolab Ltd		✓			✓		
3E GoldPlatinum > Boston, MA	14 Antibacterial All Purpose Cleaner	Ecolab	4205				✓	✓	5431564654

Figure 41 – Hazard Classification – SARA Hazards Report

Facility Chemical Inventory

The *Facility Chemical Inventory* report provides information about how long a product was in use at a specific location. This report will return the following information:

- Location
- Manufacturer Part Number
- Product Name
- Manufacturer Name
- Main Hazard
- Last Revised
- SDS Start Use
- SDS End User
- Chemical Name
- CAS Number
- Chemical Percentage



Facility Chemical Inventory						
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - All Locations						
Location						
Mfg Part Number	Product Name	Manufacturer Name	Main Hazard	Last Revised	SDS Start Use	SDS End Use
	Chemical Name		CAS Number			%
3E GOLD/PLATINUM > BOSTON, MA						
AB0024	"AB0024 (GS-6624)" ANTI-LOXL2 humanized monoclonal antibody IgG4m PURIFIED IMMUNOGLOBULIN. 11.5mg/ml	Gilead Sciences Inc	None	9/7/2011	10/14/2014	12/15/2015
	GS-6624					100.00
L101192	((2-Anilino-2-Oxoethyl)Sulfonyl)Acetic Acid	Sigma Aldrich Chemical Company Inc. / SAFC	None	4/6/2014	12/10/2014	12/10/2014
	((2-Anilino-2-Oxoethyl)Sulfonyl)Acetic Acid					
45990	(-)-(1R)-Menthyl Acetate	Sigma Aldrich Chemical Company Inc. / SAFC	Combustible	12/4/2013	12/10/2014	
	Cyclohexanol, 5-methyl-2-(1-methylethyl)-, acetate, (1R,2S,5R)-		002623-23-6			100.00

Figure 42 – Facility Chemical Inventory Report

Risk Assessment

The *Risk Assessment* report provides information about the risks associated with a specific chemical.

This report will return the following information:

- Catalog #
- Product Name
- Manufacturer Name
- HMIS Chronic
- HMIS Health
- HMIS Fire
- HMIS Reactivity
- Location
- HMIS PPE
- Chemical Name
- CAS#
- Max percent
- TWAppm
- TWAmg
- TWAAmgU
- STELppm
- STELmg
- CEILppm
- CEILmg
- Client Custom Value

Risk Assessment - for Excel Export							
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - All Locations							
Catalog #	Location	Product Name	Manufacturer	HMIS Chronic	HMIS Health	HMIS Fire	HMIS Reactivity
12853893	3E Gold/Platinum > Boston, MA	(-)-(1R)-Menthyl Acetate	Sigma Aldrich Chemical Company Inc. / SAFC	False	1	2	0
12565301	3E Gold/Platinum > Boston, MA	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 18Mmol Solution in Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	True	2	0	0
12565301	3E Gold/Platinum > Boston, MA	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 18Mmol Solution in	Sigma Aldrich Chemical Company Inc. / SAFC	True	2	0	0

Figure 43 – Risk Assessment Report



EU Labeling

There are two reports that provide information on the Hazard Symbols and Risks & Safety Phrases to support EU DPD labeling data. The data in this report is an optional 3E Protect module and may not be available to all users.

EU Labeling by Location

The *EU Labeling by Location* report provides information on your selected location. This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Source Documents
- Document Title
- Hazard Symbol Code
- Risk Phrases
- Safety Phrases
- Client Custom Value

EU Labeling by Location					
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > San Diego, CA and all sub-locations					
Location					
Product Name	Manufacturer				SKU Number
Source	Document Title	Hazard Symbols	Risk Phrases	Safety Phrases	
3E Gold/Platinum > San Diego, CA					
Aroclor 1254 Mix		Restek Corporation			
SDS (English, UNITED STATES OF AMERICA)	Aroclor 1254 Mix	F, Xn	R11, R48/20	S16, S2, S29, S33, S36/37, S61, S62, S9	
77 % - 100 % Sulfuric Acid		Norfalco LLC/Norfalco Sales Inc.			
SDS (English, UNITED STATES OF AMERICA)	77 % - 100 % Sulfuric Acid	C	R35	S1, S26, S30, S36/37/39, S45	
(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)		Fisher Scientific / Acros Organic			
SDS (English, UNITED STATES OF AMERICA)	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)	C, F	R11, R34	S16, S33, S45	

Figure 44 – EU Labeling by Location Report

EU Labeling by Product

The EU Labeling by Product report provides information based on the product for your selected location.

This report will return the following information:

- Client Product Name
- Client Manufacturer Name
- Source Documents
- Document Title
- Hazard Symbol Code
- Risk Phrases
- Safety Phrases
- Client Custom Value
- Location



EU Labeling by Product							
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > San Diego, CA and all sub-locations							
Product Name	Manufacturer	Source	Document Title	Hazard Symbols	Risk Phrases	Safety Phrases	SKU Number
<i>Location(s)</i>							
(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)	Fisher Scientific / Acros Organic	SDS (English, UNITED STATES OF AMERICA)	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)	C, F	R11, R34	S16, S33, S45	
<i>3E Gold/Platinum > San Diego, CA</i>							
77 % - 100 % Sulfuric Acid	Norfalco LLC/Norfalco Sales Inc.	SDS (English, UNITED STATES OF AMERICA)	77 % - 100 % Sulfuric Acid	C	R35	S1, S26, S30, S36/37/39, S45	
<i>3E Gold/Platinum > San Diego, CA</i>							

Figure 45 – EU Labeling by Products Report

GHS/CLP

The *GHS/CLP* reports provide classification information specific to GHS and European CLP regulations. There are three sub-reports in this section.

Europe DPD* and CLP Labeling Comparison

The *Europe DPD and CLP Labeling Comparison* report provides information to compare the DPD Hazard Symbols, Risk Phrases and Safety Phrases against the CLP Signal Words, H-Codes and P-Codes. This report will return the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Document Source
- Document Title
- DPD Hazard Symbols
- DPD Risk Phrases
- DPD Safety Phrases
- CLP Signal Word
- CLP H-Codes
- CLP P-Codes
- Client Custom Value

Europe DPD and CLP Labeling Comparison - for Excel Export								
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > London, UK and all sub-locations								
Location	Product Name	Manufacturer	Source	Document Title	DPD Hazard Symbols	DPD Risk Phrases	DPD Safety Phrases	CLP Signal Word
3E Gold/Platinum > London, UK	77 % - 100 % Sulfuric Acid	Norfalco LLC/Norfalco Sales Inc.	SDS (English, UNITED STATES OF AMERICA)	77 % - 100 % Sulfuric Acid	C	R35	S1, S26, S30, S36/37/39, S45	Danger
3E Gold/Platinum > London, UK	Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	SDS (English, UNITED STATES OF AMERICA)	Acetone				Danger

Figure 46 – Europe DPD and CLP Labeling Comparison Report

*EU DPD was replaced by the CLP regulation in 2016, but EU DPD data will still show in the system if your suppliers have provided any SDS with EU DPD shown on the SDS



GHS (CLP) Classification and Labeling – Detail

The *GHS (CLP) Classification and Labeling – Detail* report will provide you with detailed information about the GHS/CLP classification for your selected location. This report returns the following information:

- Location
- Client Product Name
- Client Manufacturer
- Document Source
- Document Title
- Hazard Class & Category
- Signal Word
- H Codes & Hazard Statements
- P Codes & Precautionary Statements
- Client Custom Value

GHS (CLP) Classification and Labeling - Detail - for Excel Export									
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > London, UK and all sub-locations									
Location	Product Name	Manufacturer	Source	Document Title	Hazard Class & Category	Signal Word	H Codes & Hazard Statements	P Codes & Precautionary Statements	SKU Number
3E Gold/Platinum > London, UK	77 % - 100 % Sulfuric Acid	Norfalco LLC/Norfalco Sales Inc.	SDS (English, UNITED STATES OF AMERICA)	77 % - 100 % Sulfuric Acid	Skin corrosion/irritation: Category 1A	Danger	H314: Causes severe skin burns and eye damage.	P260: Do not breathe dust/fume/gas/mist/vapours/spray. , P264: Wash hands, face and skin thoroughly after handling, P280: Wear protective gloves/protective clothing/eye protection/face protection.	

Figure 47 – GHS (CLP) Classification and Labeling – Detail Report

GHS (CLP) Classification and Labeling – Summary

The *GHS (CLP) Classification and Labeling – Summary* report provides summary information for the GHS/CLP classification for the products at your selected location. This report provides the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Document Source
- Document Title
- Hazard Class & Category
- Signal Word
- H-Codes
- P-Codes
- Client Custom Value

GHS (CLP) Classification and Labeling – Summary - for Excel Export							
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > London, UK and all sub-locations							
Location	Product Name	Manufacturer	Source	Document Title	Hazard Class & Category	Signal Word	H-Codes
3E Gold/Platinum > London, UK	77 % - 100 % Sulfuric Acid	Norfalco LLC/Norfalco Sales Inc.	SDS (English, UNITED STATES OF AMERICA)	77 % - 100 % Sulfuric Acid	Skin corrosion/irritation: Category 1A	Danger	H314
3E Gold/Platinum > London, UK	Acetone	Sigma Aldrich Chemical Company Inc. / SAFC	SDS (English, UNITED STATES OF AMERICA)	Acetone	Flammable liquids: Category 2, Serious eye damage/eye irritation: Category 2A, Specific target organ toxicity - single exposure, Central nervous system: Category 3	Danger	H225, H319, H336

Figure 48 – GHS (CLP) Classification and Labeling – Summary Report



GHS (CLP) Coverage – Percentage by Manufacturer

The *GHS (CLP) Coverage – Percentage by Manufacturer* report provides information regarding how many suppliers in your inventory have converted their SDS to the GHS/CLP format. This report provides the following information:

- Manufacturer Name (Catalog)
- Manufacturer Name (SDS)
- Total SDS
- % GHS

GHS(CL P) Coverage - Percentage by Manufacturer			
Manufacturer Name (Catalog)	Manufacturer Name (SDS)	Total SDS	% GHS
Ahava NA, LLC	Ahava NA, LLC	1	0
Airgas Inc. CAN & USA/Wright Welding Supply	Airgas Inc. CAN & USA/Wright Welding Supply	1	100
Any Manufacturer	K-G Packaging - Spray Pak	1	0
Baxter Corporation	Baxter Health Care	1	100
Champion Technologies, Inc. (USA)	Champion Technologies, Inc. (USA)	1	0
CITGO Petroleum Corp	CITGO Petroleum Corp	1	0

Figure 49 – GHS (CLP) Coverage – Percentage by Manufacturer Report

GHS (CLP) Coverage – Detail

The *GHS (CLP) Coverage – Detail* lists each SDS in your inventory and indicates if it has been converted to the GHS/CLP format. This report provides the following information:

- Location
- Manufacturer Name (Catalog)
- Product Name (Catalog)
- Part Number (Catalog)
- Manufacturer Name (SDS)
- Product Name (SDS)
- Language
- Country
- GHS Indicator
- Client Custom Value

GHS(CL P) Coverage - Detail									
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - All Locations									
Location	Manufacturer Name (Catalog)	Product Name (Catalog)	Part Number (Catalog)	Manufacturer Name (SDS)	Product Name (SDS)	Language	Country	GHS	UPC Code
3E Gold/Platinum > Boston, MA	Any Manufacturer	XYZ Training Product	5245345	K-G Packaging - Spray Pak	3958-1111 WD-40	English	UNITED STATES OF AMERICA		
3E Gold/Platinum > Boston, MA	Baxter Corporation	Sodium Bicarbonate Hemodialysis Concentrate Solution		Baxter Health Care	Sodium Bicarbonate Hemodialysis Concentrate Solution	English	UNITED STATES OF AMERICA	X	
3E Gold/Platinum > Boston, MA	Baxter Corporation	Sodium Bicarbonate Hemodialysis Concentrate Solution		Baxter Health Care	Sodium Bicarbonate Hemodialysis Concentrate Solution	English	CANADA	X	
3E Gold/Platinum >	Champion Technologies, Inc. (USA)	Gas Treat 157		Champion Technologies	Gas Treat 157	English	UNITED STATES OF AMERICA		

Figure 50 – GHS (CLP) Coverage – Detail Report



WHMIS Classification

The *WHMIS Classification* report provides you with classification information specific to Canadian WHMIS regulations for your selected location. This report will provide the following information:

- Location
- Client Product Name
- Client Manufacturer Name
- Document Source
- Classification
- Classification Description
- Client Custom Value

WHMIS Classification - for Excel Export						
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - 3E Gold/Platinum > Vancouver, BC and all sub-locations						
Location	Product Name	Manufacturer	Source	Classification	Classification Description	SKU Number
3E Gold/Platinum > Vancouver, BC	Acetic Acid	Fisher Scientific / Acros Organic	SDS (English, UNITED STATES OF AMERICA)	B3, E	Combustible Liquid, Corrosive material	
3E Gold/Platinum > Vancouver, BC	Acetone	Recochem Inc.	SDS (English, UNITED STATES OF AMERICA)	B2, D2B	Flammable Liquid, Toxic material causing other toxic effects	
3E Gold/Platinum > Vancouver, BC	Nitric Acid	Sigma Aldrich Chemical Company Inc. / SAFC	SDS (English, UNITED STATES OF AMERICA)	E	Corrosive material	
3E Gold/Platinum > Vancouver, BC	Simple Green All-Purpose Cleaner	Simple Green World Headquarters/ Sunshine Makers	SDS (English, UNITED STATES OF AMERICA)	NA	Not Applicable/Available	
3E Gold/Platinum > Vancouver, BC	Speedball 2000	Diversey	SDS (English, UNITED STATES OF AMERICA)	D2B	Toxic material causing other toxic effects	

Figure 51 – WHMIS Classification Report

Physical Properties

The Physical Properties Reports provide information about the physical properties transcribed from the SDS. There are several reports in this section.

Physical Properties

The *Physical Properties* report provides all the physical property data that is available and 3E has transcribed from the SDS. The information on this report includes:

- Location
- Manufacturer Name (Catalog)
- Product Name (Catalog)
- Part Number (Catalog)
- Language
- Country
- Autoignition
- Boiling Point
- Density
- Flash Point
- Gas Density
- Percent Volatiles
- pH
- Physical State
- Specific Gravity
- Vapor Pressure
- VOC
- Client Custom Value



Physical Properties								
3E Company Demo- CIS General Training demo - Gold/Platinum Edition - All Locations								
Location	Product Name (Catalog)	Manufacturer Name (Catalog)	Part Number (Catalog)	Language	Country	Autoignition	Boiling Point	Density
3E Gold/Platinum > Boston, MA	XYZ Training Product	Any Manufacturer	5245345	English	UNITED STATES OF AMERICA		315 C	
3E Gold/Platinum > Boston, MA	Sodium Bicarbonate Hemodialysis Concentrate Solution	Baxter Corporation		English	UNITED STATES OF AMERICA			
3E Gold/Platinum > Boston, MA	Gas Treat 157	Champion Technologies, Inc. (USA)		English	UNITED STATES OF AMERICA			
3E Gold/Platinum > Boston, MA	Demo Training Product	Demo Training Manufacturer	33333333333					

Figure 52 – Physical Properties Report

By VOC

The *By VOC* report lists the percentage of Volatile Organic Compounds for the products on your selected inventory, if available on the SDS. This report will return the following information:

- Location
- SDS Product Name
- Client Product Name
- Client Manufacturer Name
- 3E Revision ID
- Vapor Pressure
- VOC
- VOC Unit of Measure
- Percent Volatiles
- Weight/Volume Percentage
- Client Custom Value

Classification by VOC Report - for Excel Export										
Location	PRODUCT NAME-SDS	Product Name (Catalog)	Manufacturer	Revision ID	Vapor Pressure	VOC	VOC UOM	PCT Volatiles	Weight/Volume	SKU Number
3E Gold/Platinum > San Diego, CA	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)	(+)-1-(9-Fluorenyl)ethyl Chloroformate, 0.5 w/v % Solution in Acetone (Ca 18mM)	Fisher Scientific / Acros Organic	7192664	180.0000					
3E Gold/Platinum > San Diego, CA	14 Antibacterial All Purpose Cleaner	14 Antibacterial All Purpose Cleaner	Ecolab	7020658						
3E Gold/Platinum > San Diego, CA	77 % - 100 % Sulfuric Acid	77 % - 100 % Sulfuric Acid	Norfalco LLC/Norfalco Sales Inc.	6944087	0.3000					
3E Gold/Platinum > San Diego, CA	Acetic Acid Glacial	Acetic Acid	Fisher Scientific / Acros Organic	7903831	1.5200					

Figure 53 – Classification by VOC Report



By Physical State

The *By Physical State* reports provides information on the products in your inventory based on the physical state of the product as listed on the SDS. There are three sub-reports in this section.

Detail

The *Detail* report is configured in a format that is easily exported to Excel and provides the following data:

- Physical State
- Location
- Client Product Name
- Client Manufacturer Name
- Client Part Number
- Client Custom Value

Physical State	Location	Product Name	Manufacturer	Part #	UPC Code
NO PHYSICAL STATE INFORMATION	3E Gold/Platinum > San Diego, CA > Facilities	Crude Oil Test Kit	Strategic Diagnostics		
AEROSOL	3E Gold/Platinum > Boston, MA	WD-40	WD-40 Company		
AEROSOL	3E Gold/Platinum > Boston, MA	XYZ Training Product	Any Manufacturer	5245345	
AEROSOL	3E Gold/Platinum > Chicago, IL	The Right Stuff Gasket Maker 4 OZ AE	Permatex USA	25223	
AEROSOL	3E Gold/Platinum > Chicago, IL	WD-40	WD-40 Company		

Figure 54 – Classification by Physical State Detail Report

Summary

The *Summary* report provides a count of the products in your inventory based on the physical state.

PRODUCTS CLASSIFICATION	COUNT
NO PHYSICAL STATE INFORMATION	1
AEROSOL	3
GAS	6
LIQUID	83
SOLID	7
TOTAL Inventory Items for your location(s):	100

Figure 55 – Classification by Physical State Summary Report



Regulatory Reports

Regulatory Report access is dependent on the login permission assigned given specific user roles in addition to the 3E Protect edition purchased. This report may not be available to all users. All reports in this section are location-specific and require quantity data to generate useful results.

Regulatory Reports can be accessed by selecting *Regulatory Reports* from the Quick Links or drop-down menu on the Inventory tab.

Reports in this tab are divided into two categories:

- SARA Reports
- Department of Homeland Security Reports (US)
- REACH Reports (EU)



To generate a Regulatory Report:

1. Select *Regulatory Reports* from the Home page or *Report Center* tab drop-down menu.
2. Under *Select Location*, click on the location name to select the location for your report (optional). Click on the plus sign  to view the sub-locations. Click on the Report Name to select your report.
3. Use the drop-down box to add a Custom Value (optional).
4. Click *Run Report* to generate your report. Only products entered into your selected location will appear on your report.



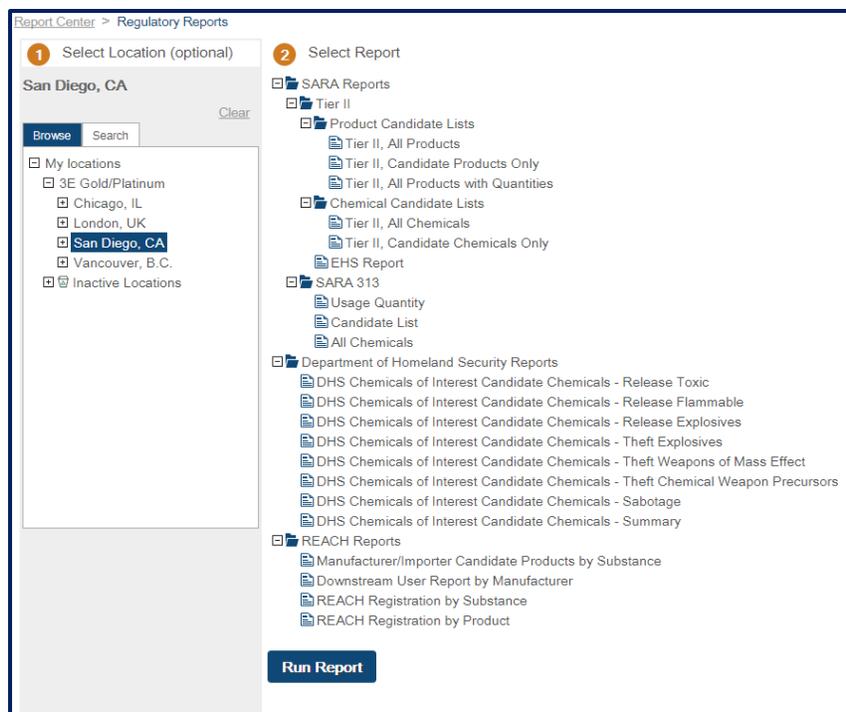


Figure 56 – Regulatory Reports Screen

SARA Reports

The 3E Protect SARA reports are designed to help you comply with reporting requirements under Title II of the Emergency Planning and Community Right to Know Act (EPCRA). To fully utilize this report, you should first upload your inventory quantity information. Refer to the 3E Protect User Guide located in the *Help* section of 3E Protect for assistance with this feature.

Tier II

EPCRA Sections 311 and 312 require businesses to report the locations and quantities of chemicals stored on-site to state and local governments. This requirement helps communities prepare to respond to chemical spills and similar emergencies. On a Federal level this is required for any chemical stored on site in excess of 10,000 pounds, or if the chemical is an Extremely Hazardous Substance (EHS) under Section 302, 500 pounds or the Threshold Planning Quantity (TPQ), whichever is lower.

The EPA broadly defines a “chemical” to include any substance covered under the OSHA Hazard Communication Standard. 3E therefore evaluates all products on your inventory that is associated with an SDS. The candidate lists summarize the total amount of each chemical or mixture based on the facility inventory and quantities maintained within 3E Protect. This data is then compared to the reportable thresholds defined under Section 311/312. Since the EPA allows facilities to report either by chemical

mixture or by specific chemical, 3E has developed reports to view reportable items by both product and chemical.

All SARA Tier II reports calculate the quantities of an individual chemical in order to compare it against federal thresholds. This logic is:

1. Average and maximum daily quantities are converted to pounds based on the product density, specific gravity from the SDS, or a standard conversion, if neither is available.
2. The average and maximum daily quantities are also totaled, in pounds, for each product.
3. The total maximum daily amount of each product is compared against the reportable threshold to determine if the item is a candidate for reporting under Section 311/312. The federal threshold of 10,000 pounds is used for this comparison.
4. The amount of chemical in each product is determined by multiplying the average and maximum daily quantities by the maximum percentage of the chemical found in the product. If no chemical percentage data is available from the SDS, 100% is assumed.
5. The reports will also determine if there are any chemicals on the SDS found to be on the SARA 302 EHS list. If so, the reportable threshold will be reduced to 500 lbs or the lowest TPQ for that chemical.

Product Candidate Lists – Tier II, All Products

The *Tier II, All Products* Report provides information about all products in your location regardless of whether the maximum daily quantity has exceeded the reportable threshold. Inventory items without an average or maximum daily quantity entered on the inventory will be displayed but the quantity information will be blank. This report is valuable to perform a complete assessment of your entire inventory or to save as justification on why or why not items were reported.

The data on this report includes:

- Common Product Name (on SDS)
- Physical State
- EHS Indicator
- Reporting Threshold
- Total Average Quantity
- Total Max Quantity
- 311/312 Reportable Indicator
- CAS Number
- Chemical Name
- Average Quantity
- Max Quantity
- Density
- Average (lbs)
- Max (lbs)
- Client Custom Value



COMMON PRODUCT NAME (as found on SDS)	Rev ID	Physical State	EHS	Reporting Threshold	Total Avg QTY (lbs)	Total Max QTY (lbs)	311/312 Reportable?
LOCATION: PRODUCT DESCRIPTION	PID	AVG QTY	MAX QTY	DENSITY	AVG (lbs)	MAX (lbs)	Material No
CAS	Chemical Name						
1,1' Black Polyester United States & Canada > San Diego, CA: 1,1' Black Polyester	5419187 3105079	Liquid	Yes	10,000 lbs	1.08		No
000171-23-8 1-Propanol 001338-21-6 Ammonium hydroxide (NH4OH) 000081-63-0 2-Propanol							
1,1' Opaque White United States & Canada > San Diego, CA: 1,1' Opaque White	1540922 3107059	Liquid	No	10,000 lbs	1.20		No
007732-10-0 Water 013483-61-7 Titanium dioxide Urethane polymer 021845-61-2 Aluminum hydroxide (Al(OH)3)							
1,1' Pearly Black United States & Canada > San Diego, CA: 1,1' Pearly Black	1913777 1214552	Liquid	No	10,000 lbs	1.20		No
000111-77-3 Ethanol, 2-(2-methoxyethoxy)- 007132-14-6 Water 001333-88-4 Carbon black							
1,1' Pink Yellow FR United States & Canada > San Diego, CA: 1,1' Pink Yellow FR	8110912 3149020	Liquid	Yes	10,000 lbs	1.12		No
Urethane Polymer (Trade Quantity Prep 55) 001330-21-6 Ammonium hydroxide (NH4OH) 000128-89-3 5-Diethyl-4,7-diol, 2,4,7,8-tetraoxa-							
1,1' Pink Lemon United States & Canada > San Diego, CA: 1,1' Pink Lemon	0280308 3107411	Liquid	No	10,000 lbs	1.03		No
000024-82-4 Phosphoryl-1,2-ethanediyl, a-sulfon-oxydonyl-, sodium salt 1,1' Yellow Oil Resistant United States & Canada > San Diego, CA: 1,1' Yellow Oil Resistant	19102336 12112140	No	No	10,000 lbs			No
007430-80-6 Calcium Oxide							

Figure 57 – Tier II, All Products Report

Product Candidate Lists – Tier II, Candidate Products Only

The *Tier II, Candidate Products Only* report provides information about only those products in your inventory where the total maximum daily amount has exceeded the reportable threshold. This report allows you to quickly identify potentially reportable items. The data on this report includes:

- Common Product Name (on SDS)
- Physical State
- EHS Indicator
- Reporting Threshold
- Total Average Quantity
- Total Max Quantity
- 311/312 Reportable Indicator
- CAS Number
- Chemical Name
- Average Quantity
- Max Quantity
- Density
- Average (lbs)
- Max (lbs)
- Client Custom Value

COMMON PRODUCT NAME (as found on SDS)	Rev ID	Physical State	EHS	Reporting Threshold	Total Avg QTY (lbs)	Total Max QTY (lbs)	311/312 Reportable?
LOCATION: PRODUCT DESCRIPTION		AVG QTY	MAX QTY	DENSITY	AVG (lbs)	MAX (lbs)	
CAS	Chemical Name						
Zinc Borate-Treated Timberstrand LSL United States & Canada > San Diego, CA: Zinc Borate-Treated Timberstrand	6883125	Solid	No	10,000 lbs		91,282.34	Yes
009010-87-9 Isocyanic acid, polymethyleneepolyphenylene ester Wood (Wood Dust, Hardwood) 138285-88-0 Boron zinc hydroxide oxide (B12Z4(OH)14O15) 008001-22-7 Soybean oil				1,220.00 h3		91,282.34	
Paraliam Plus PSL (CCA) United States & Canada > San Diego, CA: Paraliam Plus PSL (CCA)	6883133	Solid	Yes	100 lbs		91,282.34	Yes
Wood (Wood Dust, Softwood and Hardwood) 009003-35-4 Phenol, polymer with formaldehyde 001308-38-9 Chromium oxide (Cr2O3) 001303-28-2 Arsenic oxide (As2O5) 001317-39-1 Copper oxide (Cu2O)				1,220.00 h3		91,282.34	

TOTALS: Location(s): 1 Catalog Item(s): 2 Inventory Item(s): 2

Figure 58 – Tier II, Candidate Products Report

Product Candidate Lists – Tier II, All Products with Quantities

The *All Products with Quantities* report lists all inventory items in your selected location and displays the average daily quantity, maximum daily quantity and the annual usage amount currently associated with the inventory item. This report is designed to give you a quick view of the current quantities entered.

The data on this report includes:

- Location
- Product Description
- Average Quantity
- Max Quantity
- Annual Usage Quantity
- Client Custom Value

Revision ID	Product Description	AVG QTY	MAX QTY
United States & Canada > San Diego, CA			
0747012	Mustard Gas		
1627376	Acetyl Chloride	0.75 gal	1.50 gal
12395304	Hydrogen Peroxide (70%)		
1051614	VIKOFLEX (R) 7170 EPOXIDIZED SOYBEAN OIL		
13876214	VIKOFLEX (R) 7160 EPOXIDIZED LINSEED OIL		
1009456	VIKOFLEX (R) 18		
10225170	NITRIC ACID 65%	1.25 gal	2.50 gal
14105672	Fast 505 - Industrial Cleaner & Degreaser	1.75 gal	3.50 gal
9049892	Citrus Degreaser (Aerosol) 14170	1.00 gal	2.00 gal
8780487	Kraft Lignin	35.00 gal	35.00 gal
14121233	Green Douglas Fir Lumber- Mycostat Treated	100.00 gal	100.00 gal
9883133	Paraliam Plus PSL (CCA)		1,220.00 kg
9883125	Zinc Borate-treated Timber/Strand		1,220.00 kg
14611746	Chloromethane	27.00 gal	27.00 gal
9079542	3 D Cell Battery Pack, Nickel Cadmium	0.50 lbs	0.50 lbs
15670422	β-Nicotinamide Mononucleotide		1,220.00 kg
15499332	Acetylene	610.00 kg	1,220.00 kg
18420724	1-Fluorinated		
13080478	Lotader 3410		
15305451	MIBK methyl isobutyl ketone	35.50 gal	71.00 gal
7307992	Clear FDA Grease	2.05 gal	4.10 gal
7010130	Nylon, Polypropylene		
15032057	DINP	1.38 gal	2.75 gal
8127978	Fuel System Treatment	1.03 gal	3.25 gal
8127990	Hand Cleaner	5.00 gal	10.00 gal
8127994	10W30 Motor Oil	7.50 gal	15.00 gal

This report only includes active inventory items that have been matched to an SDS or equivalent. Regulated chemicals that do not have a specific CAS RN associated with them, such as chemical families or groupings, are not included in the results shown on this report. The results of this report are based on a CAS RN match between the regulatory list and the ingredients listed on the SDS.

Prepared on 10/1/2022 by 3E © 2022.

Figure 59 – Tier II, All Products with Quantities Report

Chemical Candidate Lists – Tier II, All Chemicals

The *Tier II, All Chemicals* Report provides information about all chemicals in your location regardless of whether the maximum daily quantity has exceeded the reportable threshold. Chemicals without an average or maximum daily quantity entered on the inventory will be displayed but the quantity information will be blank. This report is valuable to perform a complete assessment of your entire inventory or to save as justification on why or why not items were reported.

The data on this report includes:

- Chemical Name
- CAS Number
- 302 Indicator
- TPQ1(lbs)
- TPQ2(lbs)
- Reporting Threshold
- Total Average Quantity
- Total Max Quantity
- 311/312 Reportable Indicator
- Client Custom Value
- Location
- Product Name
- Average Quantity
- Max Quantity
- Minimum CAS Percentage
- Max CAS Percentage
- Density
- Average (lbs)
- Max (lbs)
- Physical State

TierII, All Chemicals										
United States & Canada > San Diego, CA and all sub-locations										
REVID	LOCATION	PRODUCT NAME	CAS#	302	TPQ1(lbs)	TPQ2(lbs)	Reporting Threshold	TOTAL AVG QTY (lbs)	TOTAL MAX QTY (lbs)	311/312 REPORTABLE
		Formaldehyde	000050-00-0	Yes	500.00		500 lbs			No
10382762	United States & Canada > San Diego, CA > Distribution	HMS 15-1100, TY II, CI 2, 17828					100.00**	1.04		Liquid
0828888	United States & Canada > San Diego, CA > Distribution	Epoxy Topcoat Base MIL-PRF-6175D, Type I, Class H, Grade A					0.0004	0.0004	1.22	Liquid
16587059	United States & Canada > San Diego, CA > Lab	Formaldehyde Solution			30.0000	50.0000	*			Liquid
10384822	United States & Canada > San Diego, CA > Distribution	BM310-11 Type 2 CI B Gr D SACTOT Gray					100.00**	1.62		Liquid
0671170	United States & Canada > San Diego, CA > Generate Client (MCO)	Scale Corrosion Inhibitor 7024-SCW			0.0200	0.0200	1.058.07kg/m ³			Liquid
14870870	United States & Canada > San Diego, CA	OBPVEB01 V12.20.0.0					100.00**	*		Liquid
13431857	United States & Canada > San Diego, CA > Generate Client (MCO)	Formaldehyde 37% 11-12%			37.0000	37.0000	1.097.61kg/m ³			Liquid
Aprin02 3,3-Epyrrolid[2-ylidene-4,7-dione, 8-amino-5,8-diaminocarbonyl(methyl)-1,1,2,2-tetrahydro-6a-methoxy-5-methyl-, (1S,3S,8aR,9S)]	000050-07-7	Yes	500.00	10000.00	500 lbs					No
16000761	United States & Canada > San Diego, CA > Generate Client (MCO) > Sigma UK	Mitomycin C, from streptomyces caespitosus			3.0000	10.0000	*			Powder
Lactic Acid	000050-21-6	No			10.000 lbs					No
8721438	United States & Canada > San Diego, CA > Operations	SOLUTION, JESSNERS 150Z			14.0000	14.0000	*			Liquid
15003186	United States & Canada > San Diego, CA > Operations	SOLUTION, JESSNERS 40Z			14.0000	14.0000	*			Liquid
L-Ascorbic acid	000050-01-7	No			10.000 lbs					No
13570395	United States & Canada > San Diego, CA > Distribution	Heavy Metal Eliminator			40.0000	70.0000	*			Solid
Heximide2006-4-allylamine	000051-49-6	No			10.000 lbs					No
13300750	United States & Canada > San Diego, CA > Lab	Histamine			95.0000	100.0000	*			Solid
Pyridine, 3-(2S)-1-methyl-2-ymolidinyl-	000024-11-6	Yes	100.00		100 lbs					No
18109405	United States & Canada > San Diego, CA > Generate Client (MCO)	Ethyl Alcohol Sol-4 100PF Cst. 98			0.0237	0.0237	817.22kg/m ³			Liquid
Methane, tetrahydro-	000050-23-5	No			10.000 lbs					No
15664039	United States & Canada > San Diego, CA > Generate Client (MCO)	Deft			0.0000	0.0040	*			Liquid
Glycerol	000050-01-6	No			10.000 lbs	2.89	5.37			No
9381461	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND ALDIE VERA PUMP180Z (18CS)			100.00**		880.72kg/m ³			Liquid
9381461	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND ALDIE 40Z (24CS)			100.00**		880.72kg/m ³			Liquid
9381461	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND ALDIE 20Z (48 CS)			100.00**		880.72kg/m ³			Liquid
9410371	United States & Canada > San Diego, CA > Operations	HANDDRENSE, MONEXUS NORTHISE 50Z			1.0000	5.0000	0.87			Liquid
16203208	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND PURELL RESTYLELY (PULL) (10CS) Restylely			1.0000	5.0000	877.00kg/m ³			Liquid
9162038	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND CLOROX SPRAY 1000ML (10CS)			100.00**		0.84			Liquid

Figure 60 – Tier II, All Chemicals Report

Chemical Candidate Lists – Tier II, Candidate Chemicals Only

The *Tier II, Candidate Chemicals Only* report provides information about only those chemicals in your inventory where the total maximum daily amount has exceeded the reportable threshold. This report allows you to quickly identify potentially reportable items. The data on this report includes:

- Chemical Name
- CAS Number
- 302 Indicator
- TPQ1(lbs)
- TPQ2(lbs)
- Reporting Threshold
- Total Average Quantity
- Total Max Quantity
- 311/312 Reportable Indicator
- Client Custom Value
- Location
- Product Name
- Average Quantity
- Max Quantity
- Minimum CAS Percentage
- Max CAS Percentage
- Density
- Average (lbs)
- Max (lbs)
- Physical State

TierII, Candidate Chemicals										
United States & Canada > San Diego, CA and all sub-locations										
REVID	LOCATION	PRODUCT NAME	CAS#	302	TPQ1(lbs)	TPQ2(lbs)	Reporting Threshold	TOTAL AVG QTY (lbs)	TOTAL MAX QTY (lbs)	311/312 REPORTABLE
					AVG QTY	MAX QTY	MIN CAS %	MAX CAS %	DENSITY	PHYSICAL STATE
		Arsenic oxide (As2O5)	001503-28-2	Yes	100.00	10000.00	100 lbs		1828.25	Yes
9883153	United States & Canada > San Diego, CA	Parallam Plus PSL (CCA)			1,220.00 #3	1,000.00	3.0000	*	1,828.25	Solid
8701518	United States & Canada > San Diego, CA	CBPW801 V12.31.19.0				100.0000	100.0000	4.32		Solid
		Soybean oil	008001-22-7	No			10,000 lbs		91282.34	Yes
9883125	United States & Canada > San Diego, CA	Zinc Borate-treated Timber-Strand			1,220.00 #3		100.00**	*	91,282.34	Solid
TOTALS:			Location(s): 1		Catalog Item(s): 3		Inventory Item(s): 3			
<small>This report only includes active inventory items that have been matched to an SDS or equivalent. Regulated chemicals that do not have a specific CAS RN associated with them, such as chemical families or groupings, are not included in the results shown on this report. The results of this report are based on a CAS RN match between the regulatory list and the ingredients listed on the SDS. * Indicates neither density nor SpecificGravity is available, standard conversion is used. ** Default CAS percentage applied. All threshold calculations are based on the mid-point of the min and max CAS RN's. Prepared on 10/11/2022 by 3E © 2022</small>										

Figure 61 – Tier II, All Candidate Chemicals Report

EHS

The *EHS* report provides information about products on your inventory that contains chemicals listed on the Section 302, Extremely Hazardous Substances list. The data on this report includes:

- Common Product Name (on SDS)
- Physical State
- Density
- EHS Chemical
- CAS Number
- CAS Percentage
- 311/312 Reporting Quantity
- 302 TPQ1
- 302 TPQ2
- Client Custom Value



Usage Quantity

The *Usage Quantity* report provides information about all items in your inventory that contain a Section 313 regulated chemical. This report is designed to give you a quick inventory view at that the current quantities entered. Data available on this report includes:

- Location
- Manufacturer
- Product Description
- 313 Indicator
- Annual Usage Quantity
- Exemption
- Client Custom Value

LOCATION	MANUFACTURER	PRODUCT DESCRIPTION	313	ANNUAL USAGE QTY	EXEMPTION	Material No
Chemical Locations > Paper Manufacturing	Fisher Scientific	Isopropanol	YES	20,214.00 lbs		
	Fisher Scientific	LAES	YES	20,094.00 lbs		
Chemical Locations > Paper Manufacturing > Jambon, Indiana	Fisher Scientific	Cumene	YES	20,020.00 lbs		
	Fisher Scientific	Isopropanol	YES	20,042.00 lbs		
	Fisher Scientific	LAES	YES	20,020.00 lbs		
2-Phase Locations > Paper Manufacturing > Wabash, Washington	United States Pharmaceutical Convention, Inc.	Isopropanol	YES	20,020.00 lbs		
	United States Pharmaceutical Convention, Inc.	Residual Solvent Class 2 - 1,4-Dioxane	YES	20,020.00 lbs		
	United States Pharmaceutical Convention, Inc.	Residual Solvent Class 2 - Methanol	YES	20,094.00 lbs		
Chemical Locations > Chemicals & Res.	Bent Process Corporation	1-Pent-Ethyl Alcohol, Colorless & Orange Flame Retardant Grade No. 500	YES	10,070.00 lbs		
	Norfolk L.L.C./Norfolk Sales Inc.	70%+20% Sulfuric Acid	YES	10,100.00 lbs		
	Nova Polymer Corporation	400 Chloro-Dioxane-Acetone	YES	10,110.00 lbs		
Chemical Locations > Paper Manufacturing > International Falls, Minnesota	Fisher Scientific	LAES	YES	20,071.00 lbs		
	Novatec Lamin Corporation	Loctite 222 Threadlocker Low Strength	YES	20,071.00 lbs		
Chemical Locations > Campbell Spool & Campbell IA	Buckeye International, Inc.	Business Crane	NO	1,000.00 sp		
Chemical Locations > Chemical & Polymer Grade ISO	Decon Chemical Manufacturing	Spigs Kap* Tape CPJ	YES	20.00 MWH		
	United States & Canada - Boston, MA	10 mg/L Mercury	YES	10,000.00 lbs		
Chemical Locations > Polymer & ADUPMC FACILITY	Extrane North America	Permanganate Alloys	YES	100,400.00 lbs		
Chemical Locations > CAT Composite Dens Site (Region-Composite Class)	United Agri-Tank Group	Ethyl Ammonium Salt 24.5%	YES	100.00 MWH		

Figure 63 – SARA 313 Annual Usage & Exemption Report

Candidate List

The *SARA 313 Chemical Candidate Report* analyzes annual usage quantity information for all SARA 313 regulated chemical constituents and compounds associated to products in your location. For the location selected on the facility tree, the report groups inventory items by chemical constituent based on the CAS number from the MSDS. Only chemicals or compounds found on the SARA 313 list are returned. This report is valuable to perform a complete assessment of a facility’s entire inventory or to save as justification on why or why not items were reported.

The SARA 313 Chemical Candidate Reports calculate the quantities of an individual chemical in order to compare it against federal thresholds. The logic used in the calculation is:

1. Annual usage amounts are converted from specific gravity from the SDS, or a standard conversion, if neither is available.
2. The amount of chemical in each product is determined by multiplying the average and maximum daily quantities by the maximum percentage of the chemical found in the product. If no chemical percentage data is available from the SDS, 100% is assumed.



- The total maximum daily amount of each product is compared against the reportable threshold to determine if the item is a candidate for reporting under Section 311/312. The federal threshold of 10,000 pounds is used for this comparison.
- The reports will also determine if there are any chemicals listed as a PBT. If so, the reportable threshold will be reduced to threshold quantity specified for that substance.

Data available on this report includes:

- Chemical Name
- CAS Number
- PBT Indicator
- Deminimus %
- Threshold
- Total Usage
- SARA 313 Reportable Indicator
- Location
- Product Name
- Usage Quantity
- Density
- Usage Quantity (lbs)
- Min CAS %
- Max CAS %
- Chemical Total (lbs)
- Exemption
- Physical State
- Client Custom Value

REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	USAGE QTY (LBS)	MIN CAS %	MAX CAS %	CHEMICAL TOTAL (LBS)	EXEMPTION	PHYSICAL STATE	SARA 313 REPORTABLE?	
1740288	Z-Inactive Locations > Paper Manufacturing > Wallula, Washington	Residual Solvent Class 2 - Methanol	30,004.00 lbs		30,004.00	1.0000	1.0000	450.98		Liquid	NO	
13344166	Z-Inactive Locations > Paper Manufacturing	Isopropanol	30,014.00 lbs		30,014.00	95.0000	100.0000	29,263.65		Liquid	NO	
13344168	Z-Inactive Locations > Paper Manufacturing > Jackson, Alabama	Isopropanol	30,042.00 lbs		30,042.00	95.0000	100.0000	29,290.65		Liquid	NO	
8387384	Z-Inactive Locations > Paper Manufacturing > Wallula, Washington	Isopropanol	30,053.00 lbs		30,053.00	100.0000	100.0000	30,053.00		Liquid	NO	
7845139	Z-Inactive Locations > CAT Corporate Demo Site > Belgium (Caterpillar Corp)	Adhesive Spray Blanco 400 Mt	10.50 m(m)	665.70 kg/m ³	23,148.54	0.0000	0.1000	11.57		Aerosol	NO	
12081180	Z-Inactive Locations > Paper Manufacturing > International Falls, Minnesota	Lotte 222 Threadlocker Low Strength	30,073.00 lbs		30,073.00	1.0000	5.0000	902.19		Liquid	NO	
12081180	Z-Inactive Locations > Paper Manufacturing > International Falls, Minnesota	Lotte 222 Threadlocker Low Strength	30,073.00 lbs		30,073.00	1.0000	5.0000	902.19		Liquid	NO	
12081180	Z-Inactive Locations > Paper Manufacturing > International Falls, Minnesota	Lotte 222 Threadlocker Low Strength	30,073.00 lbs		30,073.00	0.1000	1.0000	195.40		Liquid	NO	
1834624	Z-Inactive Locations > Bombardier > BDL	1-Part Epoxy Acrylic Concrete & Garage Floor Paint Deep Base No. 930	10,070.00 lbs	1,135.65 kg/m ³	10,070.00	1.0000	5.0000	302.10		Liquid	NO	
1802871	EU > London, UK	Toluene	10.00 g	865.00 kg/m ³		0.02	0.0000	100.0000	0.01	Structural Components	Liquid	NO
15737436	Z-Inactive Locations > Bombardier > BDL	#880 Crown & Chassis Aerosol	10,110.00 lbs		10,110.00	0.0000	42.0000	2,123.10		Aerosol	NO	
1340096	Z-Inactive Locations > Paper Manufacturing > Jackson, Alabama	Cyclohexane	30,025.00 lbs		30,025.00	95.0000	100.0000	29,274.38		Liquid	NO	
8331532	Z-Inactive Locations > Campbell Soup > Campbell NA	Ammonia	1,000.00 qt		2,128.07	3.1000	3.1000	65.97		Liquid	NO	
18469124	Z-Inactive Locations > Paper Manufacturing > Wallula, Washington	Residual Solvent Class 2 - 1,4-Dioxane	30,062.00 lbs		30,062.00	0.2000	0.2000	60.12		Liquid	NO	
8344530	Z-Inactive Locations > CAT Corporate Demo Site > Belgium (Caterpillar Corp)	Eau Ammoniacale 24.5%	150.00 m(m)	924.00 kg/m ³	330,593.30	0.0000	25.0000	82,873.35		Liquid	YES	

Figure 64 – SARA 313 Candidate Chemicals Report

Department of Homeland Security Reports (USA)

The Department of Homeland Security (DHS) reports use the 3E transcribed CAS registry numbers from the SDS to compare your inventory against the United States' DHS candidate lists. To fully utilize this report, you should first upload your inventory quantity information. Refer to the 3E Protect User Guide located in the *Help* section of 3E Protect for assistance with this feature. You can choose from eight reports to assist with your DHS reporting requirements.

DHS Chemicals of Interest Candidate Chemicals – Release Toxic

The *DHS Chemicals of Interest Candidate Chemicals – Release Toxic* report will provide you with information on the chemicals that are toxic if released from a facility. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Release Minimum Concentration
- Release STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	CAS#	Release Min Concentration (%)	MIN CAS %	MAX CAS %	RELEASE STQ \$	CHEMICAL TOTAL (LBS)	TOTAL USAGE (LBS)	PHYSICAL STATE	DHS REPORTABLE?
001058-91-8		Cyclohexylamine pur	1,040.00 (m)	885.00 kg/m ³	2,282,807-53	80.9000	100.0000	100.0000	10000 lbs	2,282,807.53	2,282,807.53	Liquid	YES
000090-00-0		FORMALDEHYDE (SOLUTION)		1.00					10000 lbs				NO
6143969	Z-Inactive Locations > Davis 01 > Eastern Region > Alaska (AK 01) > Garden								100.0000				Liquid
1420046	Z-Inactive Locations > Indiana > Columbus			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Rhode Island > Woonsocket			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > California > Concord > Blue Bird Refinery			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > California > Calexico > BIOC Materials			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Sumatra > Cikarang > WIPAC > Toluene R&D			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Menasha > Pilsburgh			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Sun Chemical > Raw Materials			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Energy > Silchester			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Campbell Soup > Campbell			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Campbell Soup > Packaging Plant > Union			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > DuPont > Delaware > Newark > Services (Delaware)			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Delaware > Shipping (Delaware)			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Nippon Pharmaceuticals			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Motorola > Sunnyvale > Electronic Systems > SAP > SW			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Great Lakes Corporation > Appleton, WI (Incorporated)			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Great Lakes Corporation > Lamington > Racine, WI (Packaging Glass Plant)			1,270.00 kg/m ³					100.0000				Liquid
1420046	Z-Inactive Locations > Great Lakes Corporation > Adolphus, WI (Incorporated) > Photo Studio > Fashion Side Of Building			1,270.00 kg/m ³					10.0000	10.0000			Liquid
1420046	Z-Inactive Locations > CP Site 1 > Elgin, PA			1,270.00 kg/m ³					100.0000				Liquid
1742046	EU								100.0000				Gas
3780012	United States & Canada > Vancouver, BC								3.0000	3.0000			Solid
14376070	United States & Canada > San Diego, CA								100.0000				Liquid
16687099	United States & Canada > San Diego, CA > Lab								30.0000	60.0000			Liquid

Figure 65 – DHS Chemicals of Interest Candidate Chemicals – Release Toxic Report

DHS Chemicals of Interest Candidate Chemicals – Release Flammable

The DHS Chemicals of Interest Candidate Chemicals – Release Flammable report will provide you with information on the chemicals that are flammable if released from a facility. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Release Minimum Concentration
- Release STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

DHS Chemicals of Interest Candidate Chemicals - Release Flammable										
All Locations										
Chemical Name	CAS#	Release Min Concentration †	RELEASE STQ ‡	TOTAL USAGE (LBS)	DHS REPORTABLE?					
REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	USAGE QTY (LBS)	MIN CAS %	MAX CAS %	CHEMICAL TOTAL (LBS)	PHYSICAL STATE	
BUTANE					000106-97-8	1.00		10000 lbs	7,802.14	NO
18583414	Z-Inactive Locations > Demo 01 > Eastern Region > Adams, GA (B1) > Automotive	Blazer					100.0000			Gas
14117684	Z-Inactive Locations > Bombardier > MCN	Rustoleum Specialty Frosted Glass 1903				2.5000	10.0000			Aerosol
15737436	Z-Inactive Locations > Bombardier > DAL	#880 Crown & Chassis Aerosol				5.0000	10.0000			Aerosol
15737436	Z-Inactive Locations > Bombardier > CKB	#880 Crown & Chassis Aerosol				5.0000	10.0000			Aerosol
15737436	Z-Inactive Locations > Bombardier > BDL	#880 Crown & Chassis Aerosol	10,110.00 lbs		10,110.00	20.0000	100.0000	6,088.00		Aerosol
9413862	Z-Inactive Locations > Hospitals > California > Southern > West Los Angeles Medical Center > Maintenance	Rustoleum painter's touch gloss black				2.5000	10.0000			Aerosol
10029320	Z-Inactive Locations > Hospitals > California > Southern > West Los Angeles Medical Center > Maintenance	Rustoleum painter's touch Matte Clear				2.5000	10.0000			Aerosol
14644875	Z-Inactive Locations > Hospitals > California > Southern > West Los Angeles Medical Center > Maintenance	Rustoleum painter's touch Matte Clear				2.5000	10.0000			Aerosol
18583414	Z-Inactive Locations > Energy Solutions	Blazer					100.0000			Gas
18583414	Z-Inactive Locations > Campbell Soup > Campbell NA	Blazer					100.0000			Gas
18583414	Z-Inactive Locations > Campbell Soup > Pepperidge Farm > Aiken	Blazer					100.0000			Gas

Figure 66 – DHS Chemicals of Interest Candidate Chemicals – Release Flammable Report

DHS Chemicals of Interest Candidate Chemicals – Theft Explosives

The *DHS Chemicals of Interest Candidate Chemicals – Theft Explosives* report will provide you with information on the chemicals that are explosive. In addition, these chemicals have the potential to be easily misused as weapons if stolen or diverted from your facility. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Theft Minimum Concentration
- Theft STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

Chemical Name	CAS#	Theft Min Concentration †	THEFT STQ (lbs) §	TOTAL USAGE (LBS)	DHS REPORTABLE?					
REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	USAGE QTY (LBS)	MIN CAS %	MAX CAS %	CHEMICAL TOTAL (LBS)	PHYSICAL STATE	MaterialNo
SODIUM AZIDE										
028028-22-8								400.00 lbs		NO
8864172	United States & Canada > Denver, CO	Precision and Accuracy Check Kit (Match to Doc ID 2310228)			0.0000	0.1000			Liquid	
8863071	United States & Canada > Denver, CO	Precision and Accuracy Check Kit (Match to Doc ID 2310228)			0.0000	0.1000			Liquid	
8895198	United States & Canada > Denver, CO	Precision and Accuracy Check Kit (Match to Doc ID 2310228)			0.0000	0.1000			Liquid	
8893172	United States & Canada > Denver, CO	Precision and Accuracy Check Kit (Match to Doc ID 2310228)			0.0000	0.1000			Liquid	
8880872	United States & Canada > San Diego, CA	Advia Centauri Free T4, 250 Test			0.0500	0.0500			Liquid	
8804223	United States & Canada > San Diego, CA	CD30 PE 100 Tests			0.0000	0.1500			Liquid	
8884842	United States & Canada > San Diego, CA	CD9 FITC 100 Tests			0.1000	0.1000			Liquid	
4781842	United States & Canada > San Diego, CA	Test & Control Latex ZL20			100.0000				Liquid	
14885000	United States & Canada > Carlsbad	Anti-H1a-dr-p07_50 tests			0.1000	0.1000			Liquid	
18995694	United States & Canada > Carlsbad	ATP Test Swabs			0.0000	0.1000			Liquid	
POTASSIUM CHLORATE										
003811-04-0								400.00 lbs		NO
8893128	Z:\Inactive Locations > Great Northern Corporation > Appleton, WI (Packaging Group Plant)	Fusee			0.0000	5.0000			Powder	
8890959	Z:\Inactive Locations > Great Northern Corporation > Appleton, WI (Packaging Group Plant)	Hand-Held Orange Smoke Distress Signal			0.0000	25.0000			Powder	
8893128	Z:\Inactive Locations > Great Northern Corporation > Laminations > Minneapolis, MN (Creative Carton)	Fusee			0.0000	5.0000			Powder	
8893128	Z:\Inactive Locations > Great Northern Corporation > Laminations > Minneapolis, MN (Creative Carton)	Fusee/Flare			0.0000	5.0000			Powder	
8890959	Z:\Inactive Locations > Great Northern Corporation > Laminations > Minneapolis, MN (Creative Carton)	Hand-Held Orange Smoke Distress Signal			0.0000	25.0000			Powder	

Figure 68 – DHS Chemicals of Interest Candidate Chemicals – Theft Explosives Report

DHS Chemicals of Interest Candidate Chemicals – Theft Weapons of Mass Effect

The DHS Chemicals of Interest Candidate Chemicals – Theft Weapons of Mass Effect report will provide you with information on the chemicals that have the potential to create significant adverse consequences for human life. In addition, these chemicals have the potential to be easily misused as weapons if stolen or diverted from your facility. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Theft Minimum Concentration
- Theft STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	THIEF MIN CONCENTRATION †	THIEF STQ (lbs) ‡	TOTAL USAGE (LBS)	CHEMICAL TOTAL (LBS)	PHYSICAL STATE	DHS REPORTABLE?	MaterialNo
CARBONYL FLUORIDE											
1487870	United States & Canada > San Diego, CA	CBPWB01 V12.20.8.0		000383-80-4	12.00	45.00 lbs				NO	
SULFUR DIOXIDE (ANHYDROUS)											
13580339	Z\inactive Locations > Energy Solutions	DURO SUPER GLUE		007449-00-5	84.00	500.00 lbs		100.0000		Liquid	
13580339	Z\inactive Locations > Campbell Soup > Campbell, IN	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Campbell Soup > Paezzenge Farm > Aiken	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Domestic Locations > Denver > Plant Services (Denver)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Homebased Manufacturing > United States > Auburn, Washington > Building 1	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Northrop Grumman > Electronic Systems > S&P > BVI	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Sempra Energy Demo > SOG&E (1)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Sempra Energy Demo > So Cal Gas (2)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Great Northern Corporation > Appleton, WI (Headquarters)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Great Northern Corporation > Laminations > Racine, WI (Packaging Group Plant)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Great Northern Corporation > Laminations > Rollguard Appleton, WI (Headquarters)	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Corp/Pharma Europe > Bergamo, IT	DURO SUPER GLUE						100.0000		Liquid	
13580339	Z\inactive Locations > Bolea Inc. > Boise Cascade > Boise Cascade - Southern Region > Alexandria, LA	DURO SUPER GLUE						100.0000		Liquid	
TITANIUM TETRACHLORIDE											
9919178	Z\inactive Locations > Finished Materials US	TITANIUM TETRACHLORIDE		007580-48-0	13.33	45.00 lbs		1.700.00 kg/m ³	0.0000	100.0000	Liquid

Figure 69 – DHS Chemicals of Interest Candidate Chemicals – Theft Weapons of Mass Effect Report



DHS Chemicals of Interest Candidate Chemicals – Theft Chemical Weapon Precursors

The *DHS Chemicals of Interest Candidate Chemicals – Theft Chemical Weapon Precursors* report will provide you with information on the chemicals that have the potential to create significant adverse consequences for human life. In addition, these chemicals have the potential to be easily converted into weapons using simple chemistry if stolen or diverted from your facility. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Theft Minimum Concentration
- Theft STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

DHS Chemicals of Interest Candidate Chemicals - Theft Chemical Weapon Precursors											
All Locations											
REVID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	CAS#	Theft Min Concentration †	THEFT STQ FOR CHEMICAL WEAPONS ‡	TOTAL USAGE (LBS)	DHS REPORTABLE?	MaterialNo	
14320008	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND GEL 4OZ MANGO41040 MANDSO			000102-71-6	80.00	220.00 lbs	lbs	NO		
14320008	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND GENTLE INSTANT (12.0%)					100.0000	lbs	Liquid		
13081303	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND INSTANT SANNYTIZE 150Z (15.0%)					100.0000	lbs	Liquid		
13081303	United States & Canada > San Diego, CA > Operations	SANITIZER, HAND INSTANT SANNYTIZE 4OZ (4.8X 4BVC/CS)					100.0000	lbs	Liquid		
		SULFUR MUSTARD (MUSTARD GAS (H))			000805-80-2		100 g	0.00 g	NO		
5747912	United States & Canada > San Diego, CA	Mustard Gas		1,274.00 kg/m ³			100.0000 100.0000	0.00 g	Liquid		
5747912	United States & Canada > San Diego, CA	Mustard Gas		1,274.00 kg/m ³			100.0000 100.0000	0.00 g	Liquid		
5747912	United States & Canada > San Diego, CA	Mustard Gas		1,274.00 kg/m ³			100.0000 100.0000	0.00 g	Liquid		

This report only includes active inventory items that have been matched to an SDS or equivalent.
 The results of this report are based on a CAS RN match between the regulatory list and the ingredients listed on the SDS.
 † Indicates neither density nor Specific Gravity is available, standard conversion is used.
 ‡ ACG indicates A Commercial Grade - Chemical Ingredients that do not exceed the minimum concentration value are filtered from this report.
 § Default CAS percentage applied.
 § THEFT STQ FOR CHEMICAL WEAPONS - Theft Cumulative Screening Threshold Quantity (STQ) for Chemical Weapons
 All threshold calculations are based on the mid-point of the min and max CAS RN's
 Prepared on 10/1/2022 by 3E © 2022

Page 1 of 1

Figure 70 – DHS Chemicals of Interest Candidate Chemicals – Theft Chemical Weapon Precursors Report



DHS Chemicals of Interest Candidate Chemicals – Sabotage

The *DHS Chemicals of Interest Candidate Chemicals – Sabotage* report will provide you with information on the chemicals that if mixed with easily available chemicals have the potential to create significant adverse consequences for human life through sabotage. This report will provide the following information:

- Chemical Name
- CAS Registry Number
- Sabotage Minimum Concentration
- Sabotage STQ
- Total Usage (lbs)
- DHS Reportable
- Location
- Client Product Name
- Usage Quantity
- Density
- Minimum CAS Percentage
- Maximum CAS Percentage
- Chemical Total (lbs)
- Physical State
- Client Custom Value

DHS Chemicals of Interest Candidate Chemicals - Sabotage											
All Locations											
Chemical Name	CAS#	Sabotage Min. Concentration †	SABOTAGE STQ ‡	TOTAL USAGE (LBS)	DHS REPORTABLE						
PID	LOCATION	PRODUCT NAME	USAGE QTY	DENSITY	USAGE QTY	MIN CAS %	MAX CAS %	CHEMICAL TOTAL (LBS)	PHYSICAL STATE	MaterialNo	
ALUMINUM CHLORIDE ANHYDROUS											
14072414	Z-Inactive Locations > Demo 01 > Circle Du Soleil > Mystere > Lighting/Electrics	Triebond II Premium Wood Glue		007440-70-0	ACG	0.0000	3.0000	APA			YES
ACETYL CHLORIDE											
10273770	Z-Inactive Locations > HFT - Demo > HF Retail Store	Acetyl Chloride		1.104.00 kg/m³	ACG		100.0000	APA			YES
10273770	United States & Canada > San Diego, CA	Acetyl Chloride		1.104.00 kg/m³		90.0000	100.0000				Liquid
10273770	United States & Canada > Carlsbad	Acetyl Chloride		1.104.00 kg/m³		90.0000	100.0000				Liquid
12273995	United States & Canada > San Diego, CA > Generale Client	Chloroacetyl Chloride					100.0000				Liquid
TITANIUM TETRACHLORIDE											
9919178	Z-Inactive Locations > Finished Materials Inventory > Finished Materials US	TITANIUM TETRACHLORIDE		1.730.00 kg/m³	ACG	0.0000	100.0000	APA			YES
CHLOROACETYL CHLORIDE											
12273995	United States & Canada > San Diego, CA > Generale Client	Chloroacetyl Chloride			ACG	98.0000	100.0000	APA			Liquid

This report only includes active inventory items that have been matched to an SDS or equivalent. The results of this report are based on a CAS RN match between the regulatory list and the ingredients listed on the SDS. It includes neither density nor specific gravity if available, standard conversion is used. † ACG indicates Commercial Grade - Chemical ingredients that do not exceed the minimum concentration value are filtered from this report. ‡ Default CAS percentage applied. § SABOTAGE STQ - Sabotage Screening Threshold Quantity (STQ) - APA indicates Any Placed/Amount. All threshold calculations are based on the mid-point of the min and max CAS RN%. Prepared on 10/10/2022 by 3E-3022

Page 1 of 1

Figure 71 – DHS Chemicals of Interest Candidate Chemicals – Sabotage Report



REACH Reports (Europe)

The 3E Protect REACH reports allows you to utilize information stored within 3E Protect to analyze European Union registration requirements based on the products in your selected location. For those products designated for downstream use, you can store product use information for purposes of manufacturer communications. In addition, you can break down your products into substances and determine when each substance needs to be registered.

To fully utilize these reports, you should first upload your inventory quantity information. Refer to the 3E Protect User Guide located in the *Help* section of 3E Protect for assistance with this feature.

Manufacturer/Importer Candidate Products by Substance

The *Manufacturer/Importer Candidate Products by Substance* report provides a list of all substances and related year to date tonnage quantities for all substances where you are identified as the Manufacturer/Importer. This report will provide the following information:

- Chemical Name
- CAS Number
- EINECS Number
- Tonnage
- Client Product Name
- Client Manufacturer Name
- Location
- Client Custom Value

Chemical Name	CAS Number	EINECS Number	Tonnage
(2R,3E)-3-Acetoxy-6-Methoxy-3,6-Dihydro-2H-Pyran-2-Yl Methyl Acetate	003427-20-1		
(2R,3E)-3-Acetoxy-6-methoxy-3,6-dihydro-2H-pyran-2-Yl Methyl Acetate		Combi-Blocks, Inc	United States & Canada > Carlsbad
(1S)-1-(8-Fluorenyl) Ethyl Chloroformate	154479-90-0		.07
(1S)-1-(8-Fluorenyl) Ethyl Chloroformate Solution		Sigma Aldrich Chemical Company Inc. USAFC	United States & Canada > Boston, MA
(1S)-1-(8-Fluorenyl) Ethyl Chloroformate Solution		Sigma Aldrich Chemical Company Inc. USAFC	United States & Canada > Veneta > BioTech / Pharma
(1S)-1-(8-Fluorenyl) Ethyl Chloroformate, 18Mmol Solution in Acetone	115609-65-7		
(1S)-1-(8-Fluorenyl) Ethyl Chloroformate, 0.5 WV% Solution in Acetone (Cat 1580)		Fisher Scientific	United States & Canada > Denver, CO
(1S)-2-Oxo-4,8-azobidimethylcarboxylic acid	019771-63-2		6063752
(1S)-2-Oxo-4,8-azobidimethylcarboxylic Acid Cell Culture Treated		Sigma Aldrich Chemical Company	United States & Canada > San Diego, CA
(1S)-1-(8-Fluorenyl) ethyl chloroformate	105764-39-4		
(1S)-1-(8-Fluorenyl) ethyl chloroformate, 0.5 WV% Solution in Acetone (Cat 1580)		Fisher Scientific	United States & Canada > Denver, CO
(1S)-1-(8-Fluorenyl) ethyl chloroformate	107474-79-3		
(1S)-1-(8-Fluorenyl) ethyl chloroformate, 0.5 WV% Solution in Acetone (Cat 1580)		Fisher Scientific	United States & Canada > Denver, CO
(1S)-1-(8-Fluorenyl) ethyl chloroformate, 18Mmol Solution in Acetone		Sigma Aldrich Chemical Company Inc. USAFC	Z-Inactive Locations > Slove Inc. > Boise Cascade > Boise Cascade T&W/Workday Oregon
(Chloromethyl)Dimethylchlorosilane	001719-57-9		2170066
(Chloro)ChloromethylDimethylsilane		Sigma Aldrich Chemical Company	United States & Canada > San Diego, CA > Generate Client (MOD) > Sigma US
(D)-p-Ci-Phe(Leu)17-Vasoactive Intestinal Peptide Human, Peptide, 10µg	102305-45-8		
(D)-P-Ci-Phe(Leu)17-Vasoactive Intestinal Peptide		MP Biomedicals	United States & Canada > Carlsbad
(D)-P-Ci-Phe(Leu)17-Vasoactive Intestinal Peptide		MP Biomedicals Australia Pty Limited	United States & Canada > Carlsbad
(D)-P-Ci-Phe(Leu)17-Vasoactive Intestinal Peptide		MP Biomedical, LLC	United States & Canada > San Diego, CA
(E)-N-[2-chloro-5-thiazoyl(methyl)N-methyl-N',N'-nitroquinidine (Clotharidine)]	210850-92-5		6067013
Beta-Interferon		Wako USA Corporation	Z-Inactive Locations > Deerfield, IL
(R)-1-Cyano-3-phenylbenzyl-N-(2-chloro-4,4'-a-trifluoro-p-lyl)-D-valinate	102851-06-9		6003630
(R)-1-Cyano-3-phenylbenzyl-N-(2-chloro-4,4'-a-trifluoro-p-lyl)-D-valinate		Sigma Aldrich Chemical Company Inc. USAFC	United States & Canada > San Diego, CA
(R)-1-Cyano-3-phenylbenzyl-N-(2-chloro-4,4'-a-trifluoro-p-lyl)-D-valinate		Sigma Aldrich Chemical Company Inc. USAFC	United States & Canada > San Diego, CA
(1,1'-Biphenyl)-2-ol	000990-43-7		2019935
2-Hydroxybiphenyl		AKS Assar	Z-Inactive Locations > Biocatal > Demol > CSP/Pharmaceutical Systems > Melbourne, FL(2)
2-Hydroxybiphenyl		AKS Assar	Z-Inactive Locations > Street Northern Corporation > Laminations > Minneapolis, MN (Creative Carton)

Figure 73 – Manufacturer/Importer Products by Substance Report

Downstream User Report by Manufacturer

The *Downstream User Report by Manufacturer* report provides a list by manufacturer of each product and its compositions where you are the downstream user.

This report will provide the following information:

- Manufacturer Name
- CAS Number
- Client Product Name
- Location
- EINECS Number
- Client Custom Value

1 of 596 100% Find | Next

REACH Downstream User Report by Manufacturer

All Locations

Manufacturer Name

CAS Number	Chemical Name	Product Name	Location	EINECS Number	MaterialNo
03					
<u>000064-17-5</u>	Ethanol	CBPWE803	EU > Italy	2005780	
	Ethanol	CBPWE803	United States & Canada > San Diego, CA	2005780	
<u>000067-56-1</u>	Methanol	CBPWE803	EU > Italy	2008568	
	Methanol	CBPWE803	United States & Canada > San Diego, CA	2008568	
<u>000067-63-0</u>	2-Propanol	CBPWE803	EU > Italy	2008617	
	2-Propanol	CBPWE803	United States & Canada > San Diego, CA	2008617	
3E Company					
	Additive	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA		
	Oligomer	Heather test 6	United States & Canada > Carlsbad		
	Other components below reportable levels	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA		
	Trade Secret	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA		
<u>000050-00-0</u>	Formaldehyde	Heather test 6	United States & Canada > Carlsbad	2000018, 200-001-8	
<u>000067-63-0</u>	2-Propanol	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA	2008617	
<u>000107-19-7</u>	2-Propyn-1-ol	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA	2034712	
<u>000110-01-0</u>	Thiophene, tetrahydro-	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA	2037289	
<u>000110-82-7</u>	Cyclohexane	PIWEB11 V10.14.11.0	United States & Canada > San Diego, CA	2038002	

Prepared on 10/11/2022 by 3E © 2022 Page 1 of 596

Figure 74 – REACH Downstream User Report by Manufacturer Report



REACH Registration by Substance

The *REACH Registration by Substance* report provides a list of substances where you are identified as the manufacturer/importer, categorized by the various registration deadlines, by carcinogen, mutagen and reproductive toxin, Risk Phrases, and annual volume. This report will provide the following information:

- CAS Registry Number (or other identifier)
- Substance Name
- EINECS Number
- Registration deadlines
- Annual Volumes

CAS RN or other identifier	Substance Name	EINECS Number	Registration Deadline			31, May 2013	31, May 2018	Does Not Meet Threshold
			30, November 2010	CMR ≥ 1 t/y	R 60/63 ≥ 100 t/y			
000000-00-0	Highly Refined Mineral Oil (C15-C50)					163.99		
000053-03-0	Pregn-1,4-cisene-3,11,20-trione, 17,21-dihydroxy-	2001903						13.84
000058-40-0	Glycerol	2002723						13.83
000057-50-1	α-D-Glucopyranoside, β-D-fructofuranosyl	2003349						13.84
000057-55-0	1,2-Propanediol	2003380						4092
000060-18-4	L-Tyrosine	2004004						13.83
000061-42-3	D-Glucose, 4-O-β-D-galactopyranosyl-	2005692						13.83
000063-08-3	L-Methionine	2006029						13.83
000063-74-1	Benzene sulfonamide, 4-amino-	2006034						13.84
000064-17-0	Ethanol	2006789						4.84
000064-10-7	ACETIC ACID	2006807						13.79
000067-58-1	Methanol	2006998						2048
000067-83-0	2-Propanol	2006917						40.19
000067-84-1	2-Propanone	2006922						38.40
000067-85-0	Methane, sulfinylbis-	2006943						27.04
000069-72-7	Benzoic acid, 2-hydroxy-	2007123						27.28
000073-32-0	L-Asparagine	2007682						13.83
000074-88-0	Acetylene	2008198						8.71
000075-62-0	1,2,3-Propanetricarboxylic acid, 2-hydroxy-, methyl ester	2010707						13.84
000075-61-3	Ethanol, 2-butoxy-, phosphate (3-1)	2011226						0097
000080-15-9	Hydroperoxide, 1-methyl-1-phenylethyl	2012247						4092
000081-07-2	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	2013210						4092
000100-37-8	ETHANOL, 2-(DIETHYLAMINO)-	2028492						1370
000107-21-1	Ethylene Glycol	2034733						1370

Figure 75 – REACH Registration by Substance Report

REACH Registration by Product

The *REACH Registration by Product* report provides a list of products where you are identified as the manufacturer/importer, categorized by the various registration deadlines, by carcinogen, mutagen and reproductive toxin, Risk Phrases, and annual volume. This report will provide the following information:

- CAS Registry Number (or other identifier)
- Substance Name
- Client Product Name
- Client Manufacturer Name
- EINECS Number
- Registration deadlines
- Annual Volumes



CAS RN or other Identifier	Substance Name	Manufacturer	EINECS Number	Registration Deadline			Other Substances ≥ 100 t/y	Other Substances ≥ 1 t/y	Does Not Meet Threshold	MaterialNo
				30, November 2010	31, May 2013	31, May 2018				
	Black Powder						183.39			
	* Chevron Delo 100 Motor Oil	Chevron					11.51			
	* Blazer	The Blazer Corp.								
	* Goop Pumice Handcleaner	Critzas Industries								
	* Goop Pumice Hand Cleaner	Critzas Industries, Inc.								
	* Mobilube HD 85W-140	Mobil Oil Corp.								
	* Prolong Super Lubricant SFL100	Golden West Lubricants, INC.								
	* Power Steering Fluid	Gunk								
	* AERO	Versachem								
	* ATF Dextron 3 Marcon	Valvoline								
	* Rust Out, Rust-Oleum, Liquid Aluminum	Rust-Oleum								
	* Vehicle Wash Agent	Environmental Process Technologies								
	* TranSynd Synthetic Transmission Fluid	Castrol								
	* SFL 100 Penetrating Lubricant	Prolong Super Laboratories, Inc.								
	* electrode welding rod	ors nasso								
	* DURO SUPER GLUE	Loctite Corporation								
	* Boron	VHG Labs, Inc.								

Figure 76 – REACH Registration by Product Report

Help Tab

The *Help* tab in 3E Protect is available to all users and provides the following:

Contact 3E Support – Submit a support request to our 3E Support Team

Training Center - Comprehensive step-by-step instructions on how to use 3E Protect, including 3E's interactive *Show Me How* tutorials.

IT Requirements for 3E Protect™ – A full list of IT requirements needed to run 3E Protect efficiently. Your current configuration will be analyzed and displayed automatically.

Glossary of Terms – A compilation of EH&S terms and definitions.

Corporate Documents – View corporate documents provided by your administrator. See the 3E Protect user guide for a complete description of this feature.



Contact 3E

Questions and Comments: Support@3eco.com