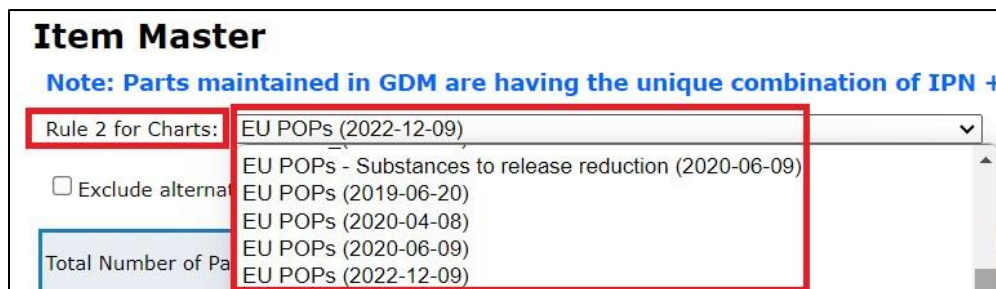


## GDM QUICK REFERENCE GUIDE: GENERATING COMPLIANCE REPORTS FOR EU POPs

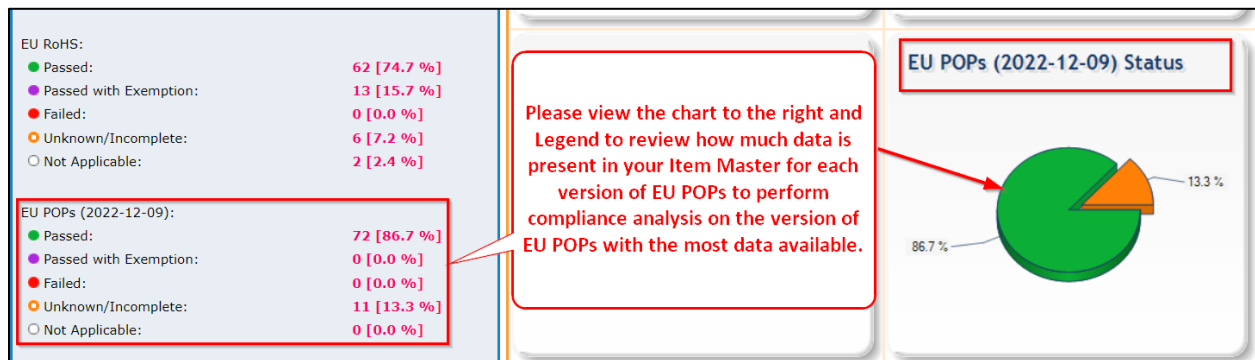
**General:**

This document describes and presents step-by-step instructions for generating compliance reports for a BOM or multiple BOMs for the Persistent Organic Pollutants (**EU POPs**) regulation using GreenData Manager (GDM).

1. Please note: The European Union updates the **Persistent Organic Pollutants** (EU POPs) regulation with updated chemical lists quite often (per Regulation **(EU) 2019/1021** - on Persistent Organic Pollutants). GDM contains several different versions of the EU POPs regulation with different release dates. To generate a report based on the EU POPs regulation version for which the most data was collected by GreenSoft, please do a quick scan of different versions of EU POPs in GDM.
  - a. In the **Item Master tab**, toggle **“Rule 2 for Charts”** to view different versions of the EU POPs regulation. Review how much data is available for each regulation version in the chart below, and choose the version with the most data to generate the compliance report with.



- b. Once you select the Rule, scroll down the page to see Chart 2 for the Chosen Rule. See the screenshot below for reference:



### Generating Compliance Report for the EU POPs Rule in GDM

The selected EU POPs Regulation (with release date of 2022-12-09) includes a list of 16 substances and 12 substance groups considered to be persistent and toxic. The compliance status of EU POPs on parts is either collected and validated from the compliance data provided by the suppliers or validated through the Full Material Declaration (FMD) data collected from the suppliers by GreenSoft. You can then generate the EU POPs compliance report on your BOMs based on the collected information.

- To generate a compliance report for an individual BOM, filter the BOMs by entering the desired **BOM ID** and click on the **“Search”** button. Double click on the BOM ID of the desired BOM from the BOM table.

#### BOM List

Select the BOM(s) of interest to view details. Switch

Action Panel - Search: (use '\_' and '%' as wildcards to assist with your search)

BOM ID:  BOM Name:

Project Name:  Location:

Manage Search: [Select Search](#) [Save Search](#)

Action Panel - L

[View Comp](#)

[View Custo](#)

[View Produ](#)

[View BOM E](#)

[Schedule B](#)

Total Number of BOMs: 1 [Download Excel](#)

Now displaying page 1 of 1. BOMs per page:  [Previous] [Next] Page #:  [Go](#)

#	BOM ID	BOM Name	Project Name
1	AT100	Wireless Router	Advantage

- GDM will redirect you to the **BOM Details** page; click on **“View Reports”** in the **Action Panel**.

#### BOM Details

**BOM ID:** AT100 **Project Name:** Advantage **Location:** Hawaii

**BOM Name:** Wireless Router **Revision:** **Imported Date:** 07/04/2023 02:25:30 PM

**External BOM ID:** Advantage Plus 100 **Exemptions:** R2-6c, R2-7a, R2-7c1

Rule 2 for Charts:

**Note: Parts maintained in GDM are having the unique combination of IPN + MFG + MPN.**

[Return](#) [Switch to Extended Minerals View](#) [Switch to Conflict Minerals View](#)

<p>Number of Unique Parts: <b>30 [100.0 %]</b></p> <p>Number of Unique Manufacturers: <b>21</b></p> <p>Number of Parts that match with Item Master: <b>30 [100.0 %]</b></p> <p>Number of Parts not matching with Item Master: <b>0 [0.0 %]</b></p> <p>Number of Parts with Part Mass specified: <b>28 [93.3 %]</b></p>	<p>Action Panel: <input checked="" type="checkbox"/> Include 2nd Source <span style="float: right;"><a href="#">Delete this BOM</a></span></p> <p>Action List: <a href="#">Click here to download the source file</a> of this BOM</p> <p><a href="#">Click here to view the RoHS Exemption List</a> for all parts in this BOM</p> <p><a href="#">Click here to view all Subassemblies</a> of this BOM</p> <p>Download Compliance Statement: <a href="#">EU RoHS</a> <a href="#">REACH SVHC</a></p> <p style="text-align: center;"><input type="button" value="View Reports"/> <a href="#">View Extended Fields</a></p>
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- Click **“Queue New Report”** on the **BOM Reports Details** page.

**BOM Report Details**

BOM ID: AT100 Project Name: Advantage  
 BOM Name: Wireless Router Revision:

Select an existing report to view or click appropriate links to queue a new report. Queue new report Return

Total Number of Reports: 44

- To queue the report, select **“Compliance Report”** for the Report Type, select the **Rule Name** by clicking the drop-down arrow, select a **Rule Name** from the list (select **“EU POPs (2022-12-09)”** as the sample from above), and click **“Queue Report”**.

***Note:** You can run the compliance report and schedule it for a later date or run a recurring report by selecting the options for Recurrence Type. You can **“exclude incomplete parts”** from the compliance report and select the option to **“include the 2<sup>nd</sup> source”** as well, which means that GDM will provide the analysis to the desired BOM based on the parts with compliance data only. Parts without compliance data will be ignored for the intended analysis. You can work with GreenSoft or contact the suppliers directly to obtain the compliance data.*

**Queue BOM Report**

BOM ID: AT100 Project Name: Advantage  
 BOM Name: Wireless Router Revision:  
 External BOM ID: Advantage Plus 100

Select a report type and the necessary parameters to schedule a new report or a new task. Return

Schedule Type:  Now  At a later date  
 Recurrence Type:  None  Daily  Weekly  Monthly  
 Report Type: Compliance Report ▼  
 Run for:  All BOMs  
 Report Name:   
 Rule Name: EU POPs (2022-12-09) ▼  
 Exclude Incomplete:   
 Include 2nd Source:

Queue Report

- To generate compliance reports for multiple BOMs, search for multiple BOMs by entering their BOM IDs, then click **“Schedule Bulk Reports.”** To generate reports for BOMs whose IDs begin with the same character, you can filter the BOMs by entering the first character in the BOM ID box. Then click **“Schedule Bulk Reports”** to generate the compliance report for each of these BOMs.

**BOM List**  
Select the BOM(s) of interest to view details. Switch to Extended Minerals View

Action Panel - Search: (use '\_' and '%' as wildcards to assist with your search)

BOM ID:

BOM Name:   
 Project Name:   
 Location:

Manage Search: [Select Search](#) [Save Search](#)

Action Panel - List:  
[View Compliance Summary](#)  
[View Customer Compliance Summary](#)  
[View Product Mass Analysis](#)  
[View BOM REACH Reportable SVHC](#)  
[Schedule Bulk reports](#)

Total Number of BOMs: 3 [Download Excel](#)

Now displaying page 1 of 1. BOMs per page:  [Previous] [Next] Page #:  [Go](#)

#	BOM ID	BOM Name	Project Name	Location	Revision
1	AT100	Wireless Router	Advantage	Hawaii	
2	C15-1	Control Board M590, DIV-15-1 v2		Pasadena	
3	C16	Control Board M609 V2, DIV-16-1		Finland	

**BOM List**  
Select the BOM(s) of interest to view details. Switch to Extended Minerals View

Action Panel - Search: (use '\_' and '%' as wildcards to assist with your search)

BOM ID:

BOM Name:   
 Project Name:   
 Location:

Manage Search: [Select Search](#) [Save Search](#)

Action Panel - List:  
[View Compliance Summary](#)  
[View Customer Compliance Summary](#)  
[View Product Mass Analysis](#)  
[View BOM REACH Reportable SVHC](#)  
[Schedule Bulk reports](#)

Total Number of BOMs: 3 [Download Excel](#)

Now displaying page 1 of 1. BOMs per page:  [Previous] [Next] Page #:  [Go](#)

#	BOM ID	BOM Name	Project Name	Location	Revision
1	AT100	Wireless Router	Advantage	Hawaii	
2	AT1015	Wireless Router	Advantage	Hawaii	
3	AT1500	Wireless Router	Advantage	Hawaii	

- Once you click **“Schedule Bulk Reports,”** you will be redirected to the **Queue BOM Report page**, where you can Queue Report for multiple BOMs. Select **“Compliance Report”** for Report Type, Select the **“Rule Name”** from the list, and click on **“Queue Report”** to generate the report.

**Note:** You can choose to run the compliance report for All BOMs based on a Rule, which can be done by selecting the check box for **“All BOMs”**. All other options are the same as mentioned above for the individual BOMs.

### Queue BOM Report

**Filter Conditions:** BOMID [multiple BOM IDs].

**BOM IDs:**

Select a report type and the necessary parameters to schedule a new report or a new task.

**Schedule Type:**  Now  At a later date

**Recurrence Type:**  None  Daily  Weekly  Monthly

**Report Type:**

**Run for:**  All BOMs

**Report Name:**

**Rule Name:**

**Exclude Incomplete:**

**Include 2nd Source:**

- To view your generated reports, go to the **Reports** tab and select the **Report Type** from the list by clicking on the **Report Count** number. After clicking the Report Count number, you will be redirected to the **Report Details** page, where you can view or download the reports.

### Report Statistics

Note - report count is computed by filtering the most recent only and suppressing duplicates.

Display:  Report Name:    [Generate Custom Report](#)

#	Item/BOM	Report Type	Report Count
1	Item Master related [114]	Conflict Minerals Report - Company	8
2		Extended Minerals Report - Company	1
3		Grand Report	37
4		Substance Analysis Report	43
5		Substance Inquiry Report	14
6		Substance Matrix Report	11
7	BOM related [458]	BOM Compliance Summary	34
8		BOM Second Source Processing	2
9		China RoHS Report	18
10		Compliance Report	87
11		Conflict Minerals Report - Product	10
12		Conflict Minerals Report - List of Products	1

[Click Here](#)

### Report Details

Total Number of Reports: 96  Report Name:    [Return](#)  
 Now displaying page 1 of 2. Reports per page:    Date:  Report Type:  Page #:

#	Scheduled Date/Time	Report Name	Type	BOM ID	Options	Status	Request Start/End Date	Results	Download	Error
1	12/12/2023 2:33:27 PM		Compliance Report	C16	Rule Name: EU POPs (2022-12-09) Exclude Incomplete: No Include 2nd Source: No	Completed Rerun Delete	Start: 12/12/2023 2:34:56 PM End: 12/12/2023 2:34:57 PM	<a href="#">View</a>	<a href="#">Excel</a>	
2	12/12/2023 2:33:27 PM		Compliance Report	C15-1	Rule Name: EU POPs (2022-12-09) Exclude Incomplete: No Include 2nd Source: No	Completed Rerun Delete	Start: 12/12/2023 2:34:41 PM End: 12/12/2023 2:34:42 PM	<a href="#">View</a>	<a href="#">Excel</a>	
3	12/12/2023 2:33:27 PM		Compliance Report	AT100	Rule Name: EU POPs (2022-12-09) Exclude Incomplete: No Include 2nd Source: No	Completed Rerun Delete	Start: 12/12/2023 2:34:26 PM End: 12/12/2023 2:34:27 PM	<a href="#">View</a>	<a href="#">Excel</a>	

- Download the Excel report to perform the compliance analysis. Review the **BOM Compliance Report tab**, which shows the **Compliance Status** based on the 16 substances and 12 Substance groups considered to be persistent and toxic under the EU POPs Regulation.

Item No	Type	Substance Name	CAS Number	Threshold	Units	Compliance Status	MCV (ppm) Article Level	Weight (mg)	Notes
1	Substance	Aldrin	309-00-2	0	ppm	Passed	0.000	0.000000000000	
2	Substance	chlordane (ISO); 1,2,4,5,6,7,8,8	57-74-9	0	ppm	Passed	0.000	0.000000000000	
3	Substance	chlordecone (ISO); perchloroper	143-50-0	0	ppm	Passed	0.000	0.000000000000	
4	Substance	Clofenotane, Dichloro-Diphenyl	50-29-3	0	ppm	Passed	0.000	0.000000000000	
5	Substance	Dicofol	115-32-2	0	ppm	Passed	0.000	0.000000000000	
6	Substance	dieldrin (ISO)	60-57-1	0	ppm	Passed	0.000	0.000000000000	
7	Substance	dodecachloropentacyclo[5.2.1.0	2385-85-5	0	ppm	Passed	0.000	0.000000000000	
8	Substance	endrin (ISO); 1,2,3,4,10,10-hex	72-20-8	0	ppm	Passed	0.000	0.000000000000	
9	Substance	heptachlor (ISO); 1,4,5,6,7,8,8	76-44-8	0	ppm	Passed	0.000	0.000000000000	
10	Substance	Hexabromobiphenyl and its eth	36355-01-8	0	ppm	Passed	0.000	0.000000000000	
11	Substance	Hexachlorobenzene	118-74-1	10	ppm	Passed	0.000	0.000000000000	
12	Substance	Hexachlorobuta-1,3-diene	87-68-3	0	ppm	Passed	0.000	0.000000000000	
13	Substance	pentachlorobenzene	608-93-5	0	ppm	Passed	0.000	0.000000000000	
14	Substance	Toxaphene; camphechlor	8001-35-2	0	ppm	Passed	0.000	0.000000000000	
15	Substance	Bis(pentabromophenyl) ether (0	1163-19-5	500	ppm	Passed	0.000	0.000000000000	10 ppm in substances; 500 ppm in
16	Group	Heptabromodiphenyl ether		10	ppm	Passed	0.000	0.000000000000	10 ppm in substances; 500 ppm in
17	Group	Hexabromodiphenyl ether		10	ppm	Passed	0.000	0.000000000000	10 ppm in substances; 500 ppm in
18	Group	Pentabromodiphenyl ether		10	ppm	Passed	0.000	0.000000000000	10 ppm in substances; 500 ppm in
19	Group	Pentachlorophenol and its salts		0	ppm	Passed	0.000	0.000000000000	
20	Group	Perfluorooctane sulfonates(PFO		10	ppm	Passed	0.000	0.000000000000	10 ppm in substances or in mixture
21	Group	Perfluorooctanoic acid (PFOA), it		0.025	ppm	Passed	0.000	0.000000000000	0.025 ppm including its salts; 1 ppt
22	Group	Polychlorinated Biphenyls (PCBs		50	ppm	Passed	0.000	0.000000000000	
23	Group	Polychlorinated Naphthalenes (m		0	ppm	Passed	0.000	0.000000000000	
24	Group	Tetrabromodiphenyl ether		10	ppm	Passed	0.000	0.000000000000	10 ppm in substances; 500 ppm in
25	Group	Hexabromocyclododecane (HBC		100	ppm	Passed	0.000	0.000000000000	
26	Group	Technical endosulfan and its relat		0	ppm	Passed	0.000	0.000000000000	
27	Group	Hexachlorocyclohexanes, includi		0	ppm	Passed	0.000	0.000000000000	
28	Substance	Alkanes, C10-13, chloro	85535-84-8	1500	ppm	Passed	0.000	0.000000000000	

### Conclusion

GreenData Manager (GDM) makes it easy to generate compliance reports for the EU POPs Regulation. Simply select the proper EU POPs rule based on the percentage of data available and apply it to the desired BOMs. For parts that do not have the complete compliance data required for EU POPs, you either can request the data from suppliers yourself, or let GreenSoft do the data collection for you. Once the compliance data is collected, you can then generate a compliance statement based on the analysis of the EU POPs report, which will show the compliance status for each substance specified in the regulation.