

Configuration Guide - Substance Management

SAP[®] Product and REACH Compliance 2.0

Target Audience

- System Administrators
- Technology Consultants

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SAP AG
Dietmar-Hopp-Allee 16
69190 Walldorf
Germany
T +49/18 05/34 34 24
F +49/18 05/34 34 20
www.sap.com

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Example text	Emphasized words or phrases in body text, graphic titles, and table titles
EXAMPLE TEXT	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example text	Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Additional icons are used in SAP Library documentation to help you identify different types of information at a glance. For more information, see *Help on Help* → *General Information Classes and Information Classes for Business Information Warehouse* on the first page of any version of *SAP Library*.

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1 Introduction

1.1 About this Document

This document describes how to configure the substance management functionality of the *SAP Product and REACH Compliance* solution based on *SAP NetWeaver*. It also includes the functionalities of Endpoint Management and Portfolio Reporting.



Processing the *Basic Configuration Guide* is a mandatory prerequisite of this guide.

1.2 Installation Check and Sanity Checks



The delivery of the *SAP Product and REACH Compliance* Installation and Configuration Guides in SAP Note [1386600](#) also includes documents for checking the installation and configuration, and for performing a sanity check.

It is strongly recommended that you download and use the document to check the installation in parallel to the steps of the installation and configuration guides. Also, after the installation and configuration, use the document with the sanity checks to check the functions of the business processes.

Every step in this installation and configuration guide include a link to the installation check document if the current step has a corresponding step.

1.3 Known Issues

The development of *SAP Product and REACH Compliance* created new technical demands that lead to new technical expertise. Some known problems and errors exist. An additional document was created that describes these problems and errors and how to fix them.



The delivery of the *SAP Product and REACH Compliance* Installation and Configuration Guides in the SAP Note [1386600](#) include a document with known issues.

It is recommended that you read this document and check if the described issues apply to your installation and configuration.

1.4 SAP Notes

You **must** read the following SAP Notes **before** you start the installation. These SAP Notes contain the most recent information on the installation, as well as corrections to the installation documentation.

Ensure that you have the up-to-date version of each SAP Note that you can find in the *SAP Service Marketplace* at the Internet address: service.sap.com/notes.

SAP Note Number	Title	Description
1399434	SPRC 2.0: IUCLID 5 Web Service Installation	

1.5 Information Available in SAP Service Marketplace

Information on the following areas is available in the SAP Service Marketplace.

Documentation

Description	Internet Address	Title
<i>SAP NetWeaver – AS Java Administration</i>	SAP NetWeaver Library: AS Java Administration	Overview and Use
<i>SAP Netweaver – Web Service Configuration</i>	SAP NetWeaver Library: Configuring Individual Web Service Clients	
<i>Sap Netweaver CE Security Guide</i>	SAO Community Network: https://cw.sdn.sap.com/cw/docs/DOC-105295	

2 Customizing

2.1 Cross System Adjustment

Synchronize the complete Customizing on your productive client with the reference client **000**. by using the Cross System Viewer and the piece list */TDAG/RCS_PLCS_2000*.

Execute the following steps:

- Start transaction **SCU0**
- Select *piece list /TDAG/RCS_PLCS_2000* and
- Create new comparison



Open the downloaded installation check document from SAP Note [1386600](https://www.sap.com/support/1386600) and execute the steps in chapter **Cross System Check**. Make the necessary entries and select the relevant checkboxes in the document.



Use the Cross-System Viewer for the comparison.



Adjustments of the language dependent Customizing settings work only with your logon language. Perform the adjustment for every logon language that is used in your system.



The sort sequence in the piece list does not always reflect the correct processing sequence. It is possible that errors can occur while comparing and adjusting the items. In this case, continue with the adjustment and, in a second step, try the adjustment of the value that causes the error.

2.2 Additional Customizing Activities

Setup Substance Legal Authorization Groups

Substance legal authorization groups are technically realized as uses of the *SAP Environment Health and Safety* component. Create these groups with validity area category *LEGENT* in the Customizing activity

Environment, Health and Safety

→ *Basic Data and Tools*

→ *Specification Management*

→ *Additional Information for Value Assignment*

→ *Usage*

→ *Specify Validity Areas* with validity area category *LEGENT*.



Do not use the same name for the legal entity and plant if the validity area category differs.

Setup Responsible Stakeholder Role

Select the *Responsible* checkbox for only one stakeholder role in the Customizing activity
Product and REACH Compliance

- *Organizational Data*
- *Specify Stakeholder Roles*

Refer to the documentation of Customizing activity for details



Open the downloaded installation check document from SAP Note [1386600](#) and execute the steps in chapter ***Check of Substance Management - Additional Customizing Activities***. Make the necessary entries and select the relevant checkboxes in the document.

3 Additional Configuration

3.1 Portfolio Reporting

Overview

Portfolio Reporting supports the two following reporting scenarios:

- **Online**
You can use online reporting for reports with a reasonably small amount of reported data. To run a report, go to the Portal screen *Portfolio Reporting in Product Safety and Stewardship* → *Reports*. After running the report, you receive a link to the generated report and can download it.
- **Background**
You can use background reporting for a large amount of data in a report. Background reporting is activated automatically if specific thresholds are exceeded, or if the checkbox for background generation is selected and an e-mail address is entered in the Portal screen *Portfolio Reporting at Product Safety and Stewardship* → *Reports*. Once data retrieval is complete, the back-end system calls the Java system to get the report rendered and sends the generated report via e-mail to the user.

Prerequisite

To register the Java RFC function in the ABAP RFC connections service, a technical system user is required. The following parameters for the technical user have to be set in ERP System User Administration:

User Type	Communications Data
Logon Language	EN
Roles	/TDAG/RCS_IMG

Please note that the technical user requires special authorization to retrieve the definition of function /TDAG/RCS_PFR_EXP_SSREP_CREATE.

Configure the Portfolio Reporting

Configure the thresholds for automatic activation of the background reporting for each report in Customizing for

- Product and REACH Compliance
 - Analytics and Reporting
 - Set Spreadsheet Reports.

Refer to the documentation of the Customizing activity for details.

The online reporting relies on the RFC connections that have already been configured in the *Basic Configuration Guide*. For background reporting, you must configure another RFC destination by performing the following procedure:

- 1) Set up the RFC destination in back-end system.

Create a new RFC destination in transaction **SM59** on the back-end system with the following settings:

Parameter	Value
<i>Type</i>	T – TCP/IP connection
<i>RFC Destination</i>	Name of the destination used in step three Example: TDAG_RCS_PFR_GEN_RFC
<i>Activation Type</i>	Registered Server Program
<i>Program ID</i>	Registered server program used by the Java server to register on this RFC destination in step two Example: TDAG_RCS_PFR_GEN_RFC.



On the *MDMP & Unicode* tab, set the communication type to the type of the target system.

Set the communication type to Unicode, because the target system is a Java system that is Unicode by default.

- 2) Set up the JCo RFC provider on the *Product and REACH Compliance Portal* system.

Log in as administrator to the AS Java administrator on the *Product and REACH Compliance Portal* server. Navigate to *Configuration Management* → *Infrastructure* → *JCo RFC Provider*. Create a new program ID with the following settings:

Parameter	Value
<i>Program ID</i>	Registered server program used by the Java server to register from the RFC destination in step one Example: TDAG_RCS_PFR_GEN_RFC.
<i>Gateway Host</i>	Hostname of the back-end system Example: vmc01.sap.com
<i>Gateway Service</i>	Gateway Service of the back-end system sapgw<System Number> Example: sapgw00

<i>Server Count</i>	Number of supported parallel processed calls
<i>Application Server Host</i>	Hostname of the back-end system Example: vmc01.sap.com
<i>System Number</i>	System number of the back-end system
<i>Client User Password Language</i>	Login information for the technical user listed as prerequisite earlier in this chapter.

Test the connection by starting the program ID. During this step, the *Product and REACH Compliance Portal* server registers at the back-end system for the RFC destination created in step one. You can verify this in the back-end system by opening the RFC destination in transaction **SM59** and navigating to *Extras* → *System Information* → *Target System*.

3) Configure the name of the back-end RFC destination

Enter the name of the RFC Destination of step two (Example: TDAG_RCS_PFR_GEN_RFC) as a value of parameter **PFR_BGR_RFC_DEST** in Customizing activity

SAP Product and REACH Compliance

→ *Basic Data*

→ *Specify Environment Parameters for Back-End Processes.*



Open the downloaded installation check document from SAP Note [1386600](https://www.sap.com/help/1386600) and execute the steps in chapter **Check of Substance Management - Portfolio Reporting**. Make the necessary entries and select the relevant checkboxes in the document.

3.2 Configuration of IUCLID Integration

3.2.1 Configure IUCLID Web Services

Endpoint management uses the IUCLID Web services to synchronize IUCLID study records with Endpoint Data Records. This chapter describes how to setup the communication with the IUCLID web services.



For more information about the IUCLID Web Services, see the official Web sites for IUCLID <http://www.iuclid.eu> or <http://iuclid.echa.europa.eu>, and the ECHA homepage: <http://echa.europa.eu>.

In addition to that SAP Note 1399434 provides more information how to setup the IUCLID Web Services.

Prerequisite

Ensure that you have the URLs of the running IUCLID Web service instances. The URLs should appear as follows:

```
http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/
```

Setup web service clients

Using the IUCLID web services requires configuration of multiple web service clients – one per web service endpoint.

Depending on the number of operating IUCLID web service installations one or multiple so called *Logical Ports* have to be defined per web service client.

Log in to the *AS Java Administrator (NWA)* on the *Product and REACH Compliance Portal* with administration rights. Navigate to *SOA Management* → *Business Administration* to maintain the *Web Service Proxy Administration*. Switch the dropdown to *Proxy Definition Name* and search the Web service proxies using the search term *ws**.

Manually create the logical ports of following Web service proxies:



The name of the logical ports is visible in the UI (in the IUCLID login screen to inform the user about the IUCLID web service (s)he is going to use). Use a suitable name for the logical ports and use the **same** logical port name for all eight proxy definitions of one IUCLID instance. Otherwise the IUCLID web service communication will not work.



If there are multiple IUCLID Web service installations active, one logical port for each Web service client and active Web service installation must be configured. At runtime, *SAP Product and REACH Compliance* determines which Web service installation will be used based on the substance.



You can delete the existing logical ports and create new ones with the name of your IUCLID instance or IUCLID server.



Do not use the logon credentials for the background synchronization with IUCLID, which are maintained in Customizing, to log in directly to IUCLID.

WsDocumentAccessInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/DocumentAccessEngine

WsEndpointAccessInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/EndpointAccessEngine

WsInventoryInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/Inventory Engine

WsMessagingInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/MessagingEngine

WsQueryEngineInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/QueryEngine

WsReferenceTrackerInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/ReferenceTrackerEngine

WsResourceEngineInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/ResourceEngine

WsSessionInterface

Logical Port Source	Manually
Logical Port Name	Name of logical port Example: iuclid.sap.com
WS Endpoint URL	http://<iuclidServer>:<iuclidPort>/<iuclidInstance>/services/Session Engine



You can find the Web Service Proxy Administration of SAP NetWeaver Composition Environment 7.10 in the Web AS Administration under: *SOA Management* → *Business Administration* → *Web Services Administration*.

This navigation path might be different in other releases of the SAP NetWeaver Composition Environment.

For more information about configuring Web service clients and a basic understanding of service endpoints and logical ports, see the SAP NetWeaver Composition Environment Library (SAP NetWeaver CE 7.1) on SAP Help Portal at:

http://help.sap.com/saphelp_nwce10/helpdata/en/0a/5da45f4f744223b04ab7339e3fe4c3/frameset.htm



The configuration of the IUCLID Web services is deleted when *Product and REACH Compliance* is removed and reinstalled on the Web application server.

Specify IUCLID Web Service Logical Ports Including Credentials for Background Synchronization

The logical ports that were defined in a previous step in *NetWeaver Administrator* have also to be configured in Customizing under:

Product and REACH Compliance

→ Endpoints

→ Specify IUCLID Web Service Logical Ports.

Here you also specify the user credentials to be used for IUCLID synchronization background job. For more information, see the Customizing documentation.

All new user passwords are encrypted during the save operation. You see only encrypted passwords in the Customizing activity.



This Customizing activity uses security information. To make settings in the activity, you must have table maintenance authorization for the access group /TDP.



The name of the logical ports is visible in the UI, for example, in the IUCLID login screen. Use a suitable name for the logical ports. Use the same logical port names as the logical ports of the Web service proxy on the *Product and REACH Compliance Portal* system and the Customizing activity.



Open the downloaded installation check document from SAP Note [1386600](#) and execute the steps in chapter **Check of Substance Management - Configure IUCLID Web Services**. Make the necessary entries and select the relevant checkboxes in the document.

3.2.2 IUCLID Synchronization Background Job

Overview

The purpose of a background synchronization job is to frequently synchronize the substance data between endpoint management and IUCLID.



A limited number of substances can be processed for each request during online synchronization with IUCLID. During synchronization, the ICM (Internet Communication Manager) on AS Java waits for the server processes to process the current http request (ICM processing timeout for http protocol). For more information about this timeout, see the AS Java administration documentation.

Prerequisite

You have made settings and defined logical ports in Customizing under:

Product and REACH Compliance

→ Endpoints

→ Specify IUCLID Web Service Logical Ports

Setup Job and Connectivity

You can set up jobs and connectivity with IUCLID. For more information, follow the instructions documented in Customizing under:

Product and REACH Compliance

→ Basic Data

→ Specify and Schedule Jobs on Jobs for Endpoint Data Record Synchronization with IUCLID.

Activate BAdI

Configure and activate the BAdI for the synchronization as documented in Customizing under:

Product and REACH Compliance

→ Endpoints

→ Business Add-Ins (BAdIs)

→ BAdI: Implement IUCLID Substance and Instance Mapping.

Setup RFC connections

- 1) Set up the RFC connection on the *Product and REACH Compliance Portal* system.
Log in as administrator to the AS Java administrator on the *Product and REACH Compliance Portal* server. Navigate to *Configuration Management* → *Infrastructure* → *Destinations*. Create a RFC destination with the following settings:

Parameter	Value
Hosting System	Local J2EE System
Destination Name	TDAG_RCS_EPMGMT_BACKGROUND_SYNC
Destination Type	RFC
Load Balancing	No (recommended)
Local System Connection	No (unchecked)
Target Host	Hostname of ERP back-end system (for example, vmc01.sap.com)
System Number	System Number of ERP back-end system (for example, 00)
System ID	SID of ERP back-end system (for example, QDE)
Message Server	only used for load balancing
Logon Group	only used for load balancing
Gateway Host	Hostname of ERP back-end system (for example, vmc01.sap.com)
Gateway Service	Gateway Service of ERP back-end system (for example, sapgw00)
SNC	Inactive
Authentication	Technical User
Language	Language of technical user (for example, EN)
Client	Client in ERP back-end system
User Name, Password	Login credentials of technical user in ERP back-end system
Repository Connection	This destination



Test the RFC destinations with PING DESTINATION



The technical user for the destination **TDAG_RCS_EPMGMT_BACKGROUND_SYNC** requires specific privileges including write access to substance data and RFC communication. Assign the PFCG role **/TDAG/RCS_IUCLID_SYNC** to this user.

- 2) Set up the RFC destination in back-end system.

Create a new RFC destination in transaction **SM59** on the back-end system with the following settings:

Parameter	Value
Type	T – TCP/IP connection
RFC Destination	Name of the destination Example: TDAG_RCS_EPMGT_SYNC_SERVICE
Activation Type	Registered Server Program
Program ID	Registered server program used by the Java server to register on this RFC destination Example: TDAG_RCS_EPMGT_SYNC_SERVICE



On the *MDMP & Unicode* tab, set the communication type to the type of the target system.

Set the communication type to Unicode, because the target system is a Java system that is Unicode by default.

- 3) Set up the JCo RFC provider on the *Product and REACH Compliance Portal* system.

Log in as administrator to the AS Java administrator on the *Product and REACH Compliance Portal* server. Navigate to *Configuration Management* → *Infrastructure* → *JCo RFC Provider*. Create a new program ID with the following settings:

Parameter	Value
Program ID	TDAG_RCS_EPMGMT_SYNC_SERVICE
Gateway Host	Hostname of ERP back-end system (for example, vmc01.sap.com)
Gateway Service	Gateway Service of ERP back-end system (for example, sapgw00)
Server Count	Number of supported parallel processed calls
Use RFC Destination	Yes (checked)
RFC Destination Name	Name of the configured RFC destination Example: TDAG_RCS_EPMGMT_BACKGROUND_SYNC

Test the connection by starting the program ID. During this step, the *Product and REACH Compliance Portal* server registers at the back-end system for the RFC destination created in step one. You can verify this in the back-end system by opening the RFC destination in transaction **SM59** and navigating to *Extras* → *System Information* → *Target System*.

4) Configure the name of the back-end RFC destination

Enter the name of the back-end RFC Destination of step two (Example: TDAG_RCS_EPMGT_SYNC_SERVICE) as a value of parameter **RFC_DEST_IUCLID_SYNC** in Customizing activity

SAP Product and REACH Compliance

→ *Basic Data*

→ *Specify Environment Parameters for Web Processes.*



Open the downloaded installation check document from SAP Note [1386600](#) and execute the steps in chapter **Check of Substance Management - IUCLID Synchronization Background Job**. Make the necessary entries and select the relevant checkboxes in the document.

3.3 Configuration of Xcelsius Integration

Setup Web Service URLs

Call Customizing activity in *Product and REACH Compliance* → *Analytics and Reporting* → *Xcelsius Integration*.

Replace the following dashboard variables for the Xcelsius dashboard PROJECTSTATUS_OVERVIEW in all languages. Refer to documentation of the Customizing activity for details.

- <host> → Hostname of your ERP back-end system (for example, vmc01.sap.com)
- <port> → http port of your ERP back-end system (for example, 8000)
- <mandt> → client on your ERP back-end system (for example, 040)

Activate Web Service

Open transaction **WSCONFIG** and activate the following Web service. Create the service if it does not already exist.

Service Definition	/TDAG/RCSWS_REG_PROJECTSTATUS
Variant	/TDAG/RCSWS_REG_PROJECTSTATUS
Name	/TDAG/RCSWS_REG_PROJECTSTATUS
SOAP Application	urn:sap-com:soap:runtime:application:rfc
Release Text	Web Service /TDAG/RCSWS_REG_PROJECTSTATUS
Virtual Host	default_host
URL	/sap/bc/srt/rfc/TDAG/RCSWS_REG_PROJECTSTATUS

Open transaction **SICF** and execute report with default settings. Activate the following Web service node:

```
default_host
  → sap → bc → srt → rfc → TDAG
    → RCSWS_REG_PROJECTSTATUS.
```

Additionally, activate the following node of the BSP that renders the Xcelsius dashboard.

```
default_host
  → sap → bc → bsp → tdag
    → ehfnd_xcel.
```


Set Up ERP Authorization for Xcelsius Dashboard

By assigning a copy of the template role /TDAG/RCS_TEMPLATE to the user, all required authorizations are assigned. For more information about the required authorizations and system table entries, see SAP Note [1412641](#).



Open the downloaded installation check document from SAP Note [1386600](#) and execute the steps in chapter **Check of Substance Management - Xcelsius Integration**. Make the necessary entries and select the relevant checkboxes in the document.

3.4 Configuration of Workflow

Prerequisites

You have completed the workflow configuration described in the *Basic Configuration Guide*.

Establish Event Coupling

The event coupling must be established for the following workflows:

- WS00276218 Registration Project
- WS00276219 SIEF Project
- WS00276220 Milestone Processing

- 1) Open the *Workflow Builder* (transaction **SWDD**).
- 2) Open the workflow template.
- 3) Choose the *Basic Data* pushbutton to display the data.
- 4) Choose the tabs *Version-Independent Task* → *Start Events*.
- 5) Activate the event CREATED for each class.

Check Tables of Workflow Foundation

Open the following tables in transaction **SE16** or **SE16N** and check that the following records exist:

- */TDAG/EHFNDC_PER*

TBO Class Name	Persister Class
/TDAG/CL_TBO_MIL	/TDAG/CL_TBO_MIL_PERSISTER
/TDAG/CL_TBO_RP	/TDAG/CL_TBO_RP_PERSISTER
/TDAG/CL_TBO_SP	/TDAG/CL_TBO_SP_PERSISTER

- */TDAG/EHFNDC_VAR*

TBO Class Name	Variant	Status Class Name
/TDAG/CL_TBO_MIL	STANDARD	/TDAG/CL_MIL_STATUS
/TDAG/CL_TBO_RP	STANDARD	/TDAG/CL_RP_STATUS
/TDAG/CL_TBO_SP	STANDARD	/TDAG/CL_SP_STATUS

Workflow Roles and Agent Assignment

SAP Business Workflow is capable of determining possible agents (users) to assign a work item using different mechanisms. These mechanisms may be your organizational plan, specially defined rules, or roles containing a list of possible users.

The standard system provides a predefined role for the registration manager. Assign role */TDAG/RCS_REGISTRATION_MANAGER* in transaction **PFCG** to any user that should use the workflows of registration management.



Download the SAP Note [1413085](#) and execute the attached report **/TDAG/RCSR_CONFIG_TASK_ROLES** in transaction **SE38** to automatically assign the delivered workflow roles to the corresponding workflow tasks

Alternatively, you might use the organizational plan to link your users to workflows. For more information, see http://help.sap.com/saphelp_nw70/helpdata/en/b2/145f4ac70711d2b49a006094b9c9b4/frameset.htm.

After you altered the members of this role, you must refresh the organizational environment of the workflow engine. Do this by performing the follow these steps:

- Go to *Business Workplace* (transaction **SBWP**).
- Choose in the menu *Settings* → *Workflow Settings* → *Refresh Organizational Environment*.



Open the downloaded installation check document from SAP Note [1386600](#) and execute the steps in chapter **Check of Substance Management - Workflow**. Make the necessary entries and select the relevant checkboxes in the document.

3.5 Substance Volume Tracking (SVT)

Prerequisites

You must check the following prerequisites before you can proceed with the configuration for substance volume tracking.

Open transaction **CT04** and search for the characteristics listed below. These characteristics are a mandatory prerequisite for the SVT functionality.

- SAP_EHS_1026_005_ONLY_REP
- SAP_EHS_1026_005_OR_EXT
- SAP_EHS_1026_005_OREXT_ADCAT

Enable Legal Entities of *Product and REACH Compliance* for Substance Volume Tracking

Product and REACH Compliance supports legal entities without reference to a company code. By default, substance volume tracking assumes that legal entities have exactly one company code assigned. The following step enables non-company-code legal entities in substance volume tracking to be supported.

Execute report /TDAG/RCSR_SVT_MODULES_SET to be able to use legal entities configured for *Product and REACH Compliance* instead of company codes in the volume tracking properties.



Running report /TDAG/RCSR_SVT_MODULES_SET changes the definition of the legal entity characteristics of the SVT properties. Ensure that these changes do not conflict with any other process that are also using substance volume tracking apart from *Product and REACH Compliance*.

Enable Substance Volume Tracking Registration

By default, *Product and REACH Compliance* and substance volume tracking work with different properties for registrations. If you use the following configuration, the registration information from substance volume tracking is used as the fallback registration information.

Product and REACH Compliance stores registrations in the *REACH Registration* (SAP_RCS_LEGREG) value assignment type using the Portal solution. In addition, the *REACH Pre-Registration* (SAP_RCS_LEGPRES) value assignment type is also available.

However, for substance volume tracking, registrations must be stored in the *Registration (company-specific)* (SAP_EHS_1023_057) value assignment type.

The properties for registrations in *Product and REACH Compliance* can be prioritized in substance volume tracking. The priorities are as follows:

1. If a REACH registration exists for a substance and legal entity has a maintained status, the system uses this. If several REACH registrations exist with a status, the system uses the one with the highest sort sequence. If the legal entity of the registration record is an only representative, the system uses the registered quantity as the reference value for the legal entity that the only representative represents.
2. If there is a REACH preregistration for a substance and a legal entity with the preregistration status *Pre-Registration submitted* or *Pre-Registration confirmed*, this is used.
3. If there is a registration (company-specific) for the substance and legal entity, this is used if the usage that was maintained corresponds to the usage maintained for substance volume tracking in Customizing.

In the data records, maintain the following values to ensure that they are transferred correctly:

- Regulatory list or registration type
- Legal entity or company code
- Registered volume or tonnage band
- Registration deadline or registration date and the expiry date of the registration, if required
- Preregistration status or registration status

To implement the prioritization described above, perform the following steps:

Open the *Specify Data Transfer (Property Tree)* Customizing activity under *Environment, Health & Safety -> Product Safety -> Substance Volume Tracking*

Set the following values:

- Data determination: /TDAG/RCS_SVT_FILL_EHS_DATA
- Data assignment: /TDAG/RCS_SVT_FILL_MAP



It is mandatory that you maintain both values. You must perform this configuration in each system.

In the *Specify Quantity Limits and Reactions on Overall Status* Customizing activity, check whether the upper quantity limit for the highest volume band is set to the maximum possible value (999,999.9999).



If performance problems occur when you save specifications (mainly during mass processing), see SAP Note [1163684](#).

If you use substance volume tracking in other areas apart from *Product and REACH Compliance*, SAP Note [1162292](#) might be relevant for you.

4 Post-Installation

4.1 User Management

Assigning Portal Roles to Users

Following portal roles are relevant for substance management.

- Regulatory Information Manager