

IMDS PLUS USER MANUAL

Version 15.3.2

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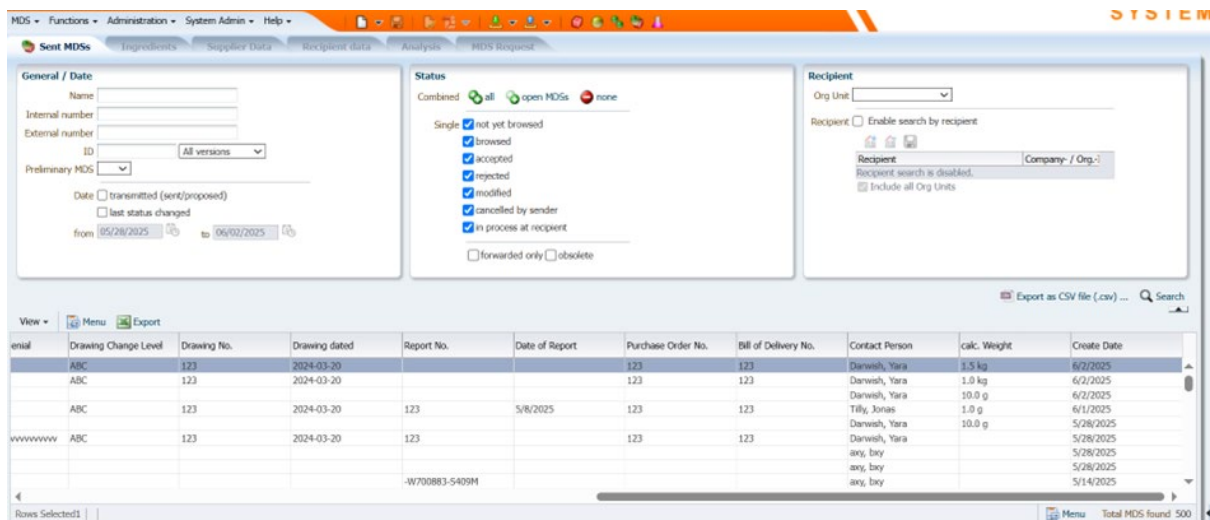
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1. SEARCHES

For IMDS Plus Users only, there are some extra columns will be displayed in Search Screens like:

- MDS/Module Search
- Component Search
- Semi Component Search
- Material Search
- Inbox Search (received)
- Outbox Search (sent)

Outbox Search Screen Example:



The screenshot displays the 'Sent MDSs' search screen. It includes several filter sections: 'General / Date' with fields for Name, Internal number, External number, ID, and a date range from 05/28/2025 to 06/02/2025; 'Status' with checkboxes for 'not yet browsed', 'browsed', 'accepted', 'rejected', 'modified', 'cancelled by sender', 'in process at recipient', 'forwarded only', and 'obsolete'; and 'Recipient' with a dropdown for 'Org Unit' and checkboxes for 'Enable search by recipient' and 'Include all Org Units'. Below these filters is a table with columns: 'Drawing Change Level', 'Drawing No.', 'Drawing dated', 'Report No.', 'Date of Report', 'Purchase Order No.', 'Bill of Delivery No.', 'Contact Person', 'calc. Weight', and 'Create Date'. The table contains several rows of data, including entries for 'ABC' and 'any_bxy'. At the bottom, it shows 'Rows Selected: 1' and 'Total MDS found: 500'.

Inbox Search Screen Example:

MDS/Module screen Example:

Component Search Example:

MDS - Functions - IMDS Plus - Administration - System Admin - Help

Component Search | Ingredients | Supplier Data | Recipient data | Analysis | MDS Request

Name, ID, Version, Date

Description:

Part/Item No.:

ID:

Preliminary MDS:

Date: ☐ published / ☐ accepted / ☐ internally released
☒ created

from: to:

Regulation Request: ☐ Received request for regulation update

from: to:

SCIP Submission:

Supplier MDSs, Own MDSs/Modules

☐ accepted MDSs ☐ published MDSs ☒ own MDSs ☒ own Modules

☐ Enable search by supplier ☐ Valid MDSs

Supplier	Company- / Org-ID
CiscoCompany1	900004
HPK (IMDS Boarding)	7340
IMDS Test Data	900000

☐ last edited by me

Assigned Org Unit:

Assigned Contact:

☐ obsolete ☐ imported

View There are hidden column(s). You can show them using "View" button.

Type	Description	Part/Item No.	ID / Version	Node ID	Supplier	Received reg. requests	Date of first request	calc. Weight	Create Date	Last Submission Date	SCIP No.	SCIP Submission No.
Article_SVHC_less_0_1	-	-	2000338401 / 1	2000338401	IMDS Service Team	-	-	3.0 g	10/19/2025	-	-	-
Component_A	-	-	2000338600 / 1	2000338600	IMDS Service Team	-	-	1.0 g	10/19/2025	-	-	-
Component_B	-	-	2000338800 / 1	2000338800	IMDS Service Team	-	-	1.0 g	10/19/2025	-	-	-
Component_test_portion_multiple_map	-	-	2000339800 / 7	2000340203	IMDS Service Team	-	-	4.0 g	10/19/2025	10/19/2025	d7baa29a-868...	KWU019745-87
parent_MULTIPLE_ARTICLE	-	-	2000339000 / 1	2000339000	IMDS Service Team	-	-	2.0 g	10/19/2025	-	-	-
test_sum_portions_2_materials	-	-	2000338200 / 1	2000338200	IMDS Service Team	-	-	2.0 g	10/19/2025	10/19/2025	f81fb208-4ee7...	KWU863804-86
test_sum_portions_2_materials	-	-	2000339201 / 0.01	2000339201	IMDS Service Team	-	-	2.0 g	10/19/2025	-	-	-

[illegible]

2. BASIC SUBSTANCE OVERVIEW

The Basic Substance Overview panel will provide an "at-a-glance overview" of all basic substances being part of the selected Basic Substance list / group / company-specific group and their usage location within the Component MDS (CMDS) including weight and amount information.

The Basic Substance Overview panel is only displayed when the root node of a CMDS is selected. It is not supported for other MDS types. The panel is closed per default.

The screenshot shows the IMDS software interface. The left sidebar displays a tree view of components, with '1x Mount' selected. The main panel displays details for the selected component, including 'Amounts and Weights', 'SCIP' information, and the 'Basic Substance Overview' table. The table lists substances like Cadmium, Lead, and Chromium-trioxide with their CAS numbers, GADSL codes, and usage percentages.

It shows the name, CAS no. and GADSL flagging of all substances, being part of the selected substance group. Next, percent, weight and name of the corresponding Article node are shown. And finally, weight and percent information of the substance / Article combination related to the complete MDS are displayed.

Basic Substance Overview

Basic Substance Lists: **SCIP SVHC**

Basic Substance Data: ➡

Basic Substance	CAS No.	GADSL	g Article	% Article	Article Name	g MDS	% M
Cadmium	7440-43-9	DP/SVHC	0.00144	0.002880	Mount	0.00144	0.001
Lead	7439-92-1	DP/SVHC	0.001920000...	0.003840	Mount	0.001920000...	0.001
Chromium-trioxide	1333-82-0	DP/SVHC	0.5	1.000000	Mount	0.5	0.454
Lead	7439-92-1	DP/SVHC	0.001	0.010000	Nut	0.004	0.003
Cadmium	7440-43-9	DP/SVHC	0.00010	0.001000	Nut	0.00040	0.000
Lead	7439-92-1	DP/SVHC	0.00050	0.010000	Bolt	0.002	0.001
Cadmium	7440-43-9	DP/SVHC	0.000050	0.001000	Bolt	0.00020	0.000



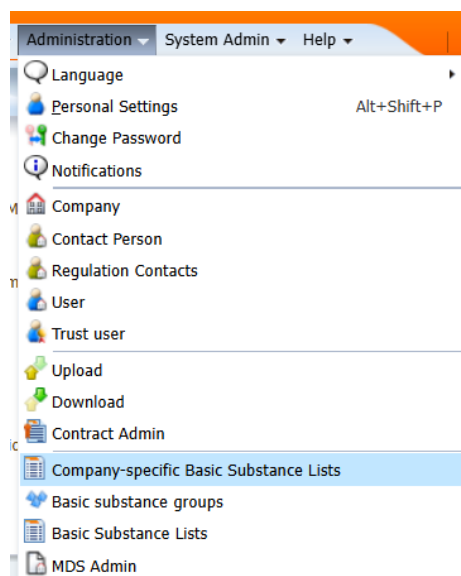
The substance weight is aggregated when the same substance is used multiple times within the same Article.

Pushing the arrow button  or clicking on a Basic Substance / Article combination, will open the location in the MDS tree on the left side, so it can be perfectly used for easy navigation as well.

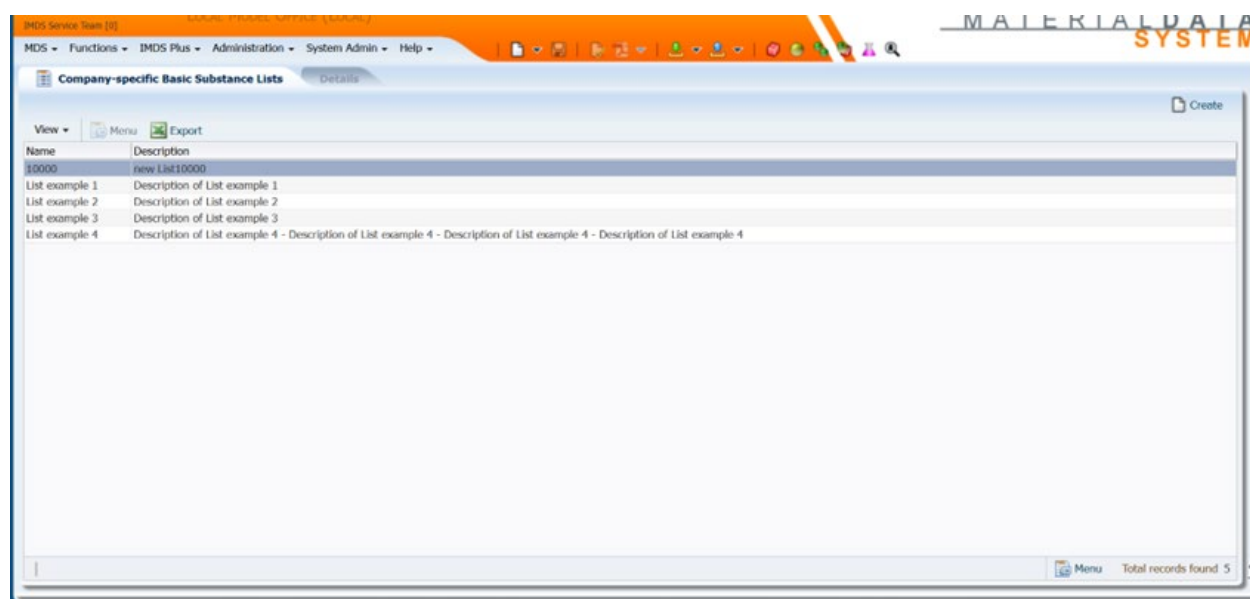
3. COMPANY-SPECIFIC BASIC SUBSTANCE LISTS

Company-specific Basic Substance Lists can be used by every IMDS Plus user of your company. The Company Administrator is responsible for creating and maintaining such lists.

As a Company Administrator please use the Administration tab to create, maintain or delete a Company-specific Basic Substance List:



If you have already created company-specific lists, they will be listed in the first Page and they are only visible to users of the same company.



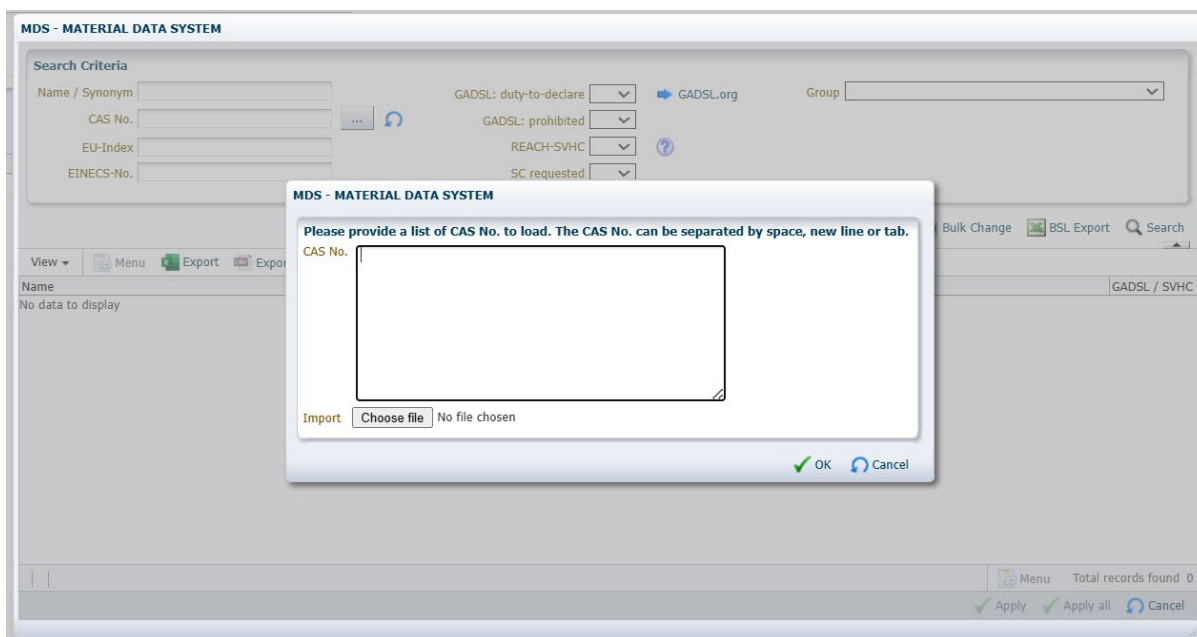
The user can create a new list by clicking the create button. The lists can be edited, deleted, or copied using the Context menu by Right Clicking on the Company Specific List:

List example 2	Description of List example 2	
List example 3	Description of List example 3	
List example 4	Description of List example 4 - D	
Edit Copy Delete		

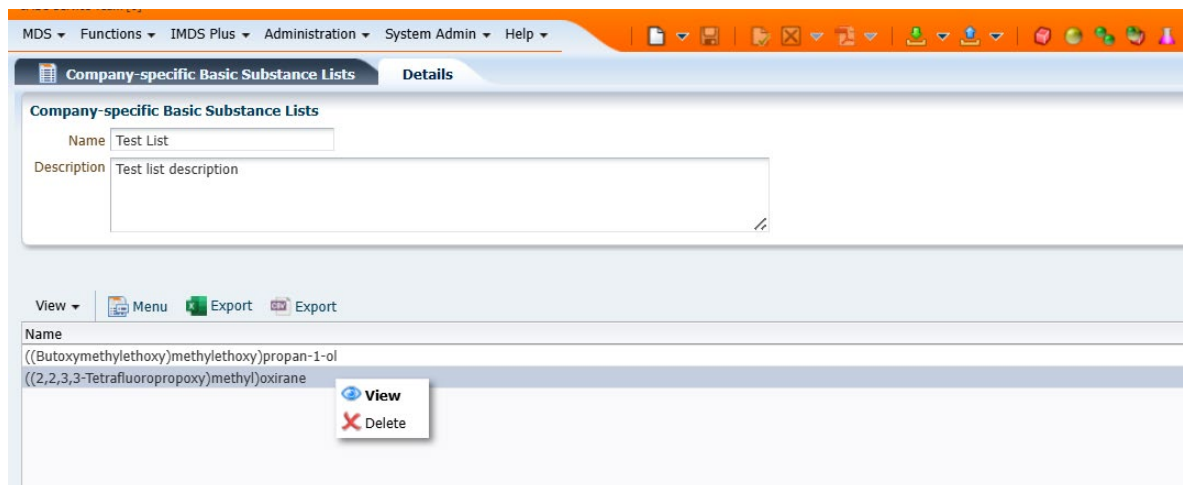
When editing the list or clicking the create button, the detail page is opened:

The name and description of the list can be modified. Users can add a new substance by clicking the Add button, which opens a substance search popup that allows them to search for and select one or multiple substances to add.

Substances can also be added by copying up to 10,000 CAS numbers. Use the button “...” in the CAS-NO field, copy the CAS-numbers separated by a space or to upload it via .txt file in separate lines, The CAS-numbers will be resolved and added to the Substance list:



The user can view or delete a substance using the Context menu by right-clicking on the substance:



Your company-specific Basic Substance Lists are available for all IMDS Plus users in your company in the following functions of the IMDS Plus:

- MDS Ingredients tab as Basic Substance List Filter – at the bottom of the list
- Where-Used Analysis – as a separate Analysis Type
- Analysis & Reporting Module – as separate additional analysis criteria
- Tree Search

4. IMDS PLUS EXAMINER

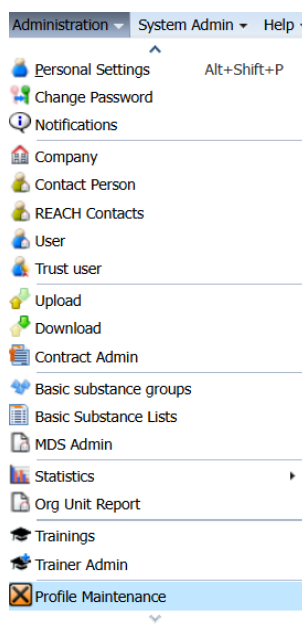
While IMDS classic performs certain checks at the time the MDS or Module is “released”, if the check returns only a warning message, the message can be ignored and the MDS/Module released. Additionally, some items that may be important to a customer are not incorporated into the IMDS checks and in the browser version of IMDS, the checks are not made on a “released” MDS.

The Examiner helps you to check if your own or received datasheets fulfil certain criteria. IMDS Plus has several checks programmed into the system and several of these can be configured with user-defined parameters. All Examiner checks are optional. For this reason, the Examiner only generates information messages, but no errors or warnings as IMDS Classic does e.g. before releasing a datasheet. The only exception is the check “IMDS Default checks” - this check is available in the Examiner and executes the same checks as the browser version of IMDS.

If the Inbox Automation is used, the user has the option of flagging critical checks (e.g. part number, supplier code) for automatic rejection. All requirements that exceed the standard checks in the browser version of IMDS are customer-dependent and must be agreed upon between supplier and customer.

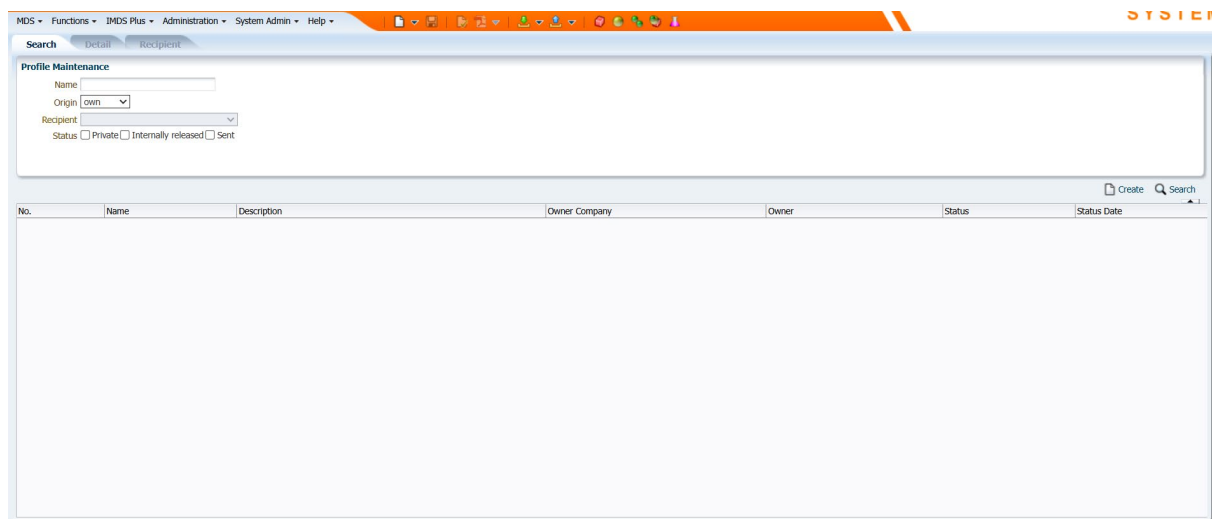
4.1. Examiner Profiles

Before using the Examiner, you must first define what you want to check. This can be done under Administration > “Profile Maintenance”. You have the option of using an Examiner Profile that you created yourself, or one that has been created by another user in your company or a user in another IMDS company.

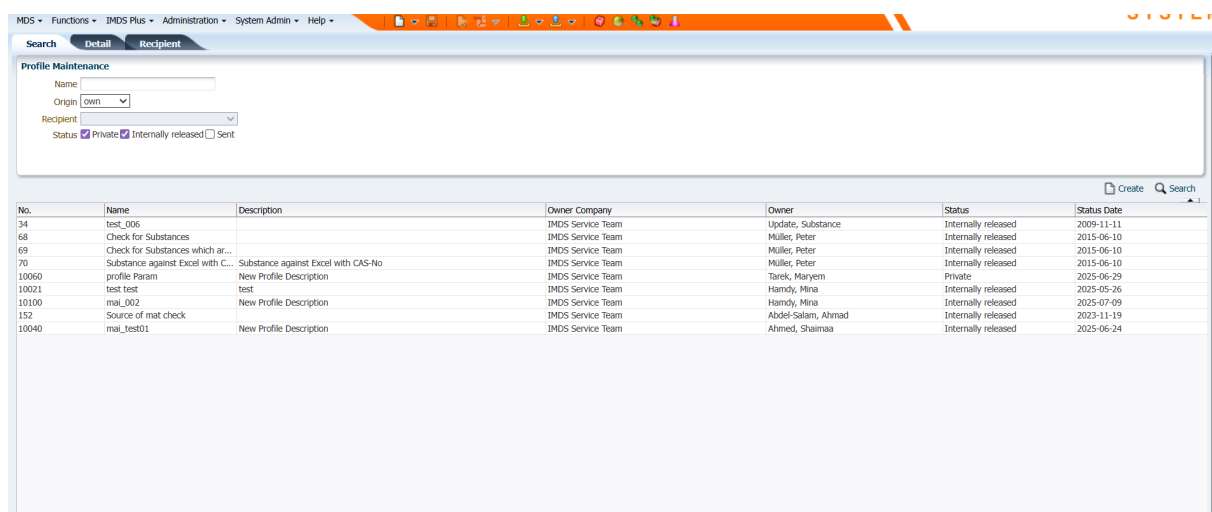


4.1.1. Creating an Examiner Profile

The Profile Maintenance window is similar to other IMDS pages and contains a Search tab, a Details tab and a Recipient tab. The Search tab allows you to find existing Examiner profiles that are visible to you. The Details tab allows you to view the details of the profile. The Recipient tab allows you to send the profile to other IMDS Companies. The Profile Maintenance page looks like this



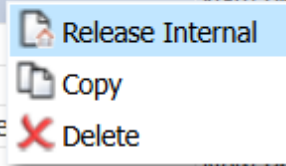
When the Search button is clicked using any search criteria the profiles are displayed in the table.



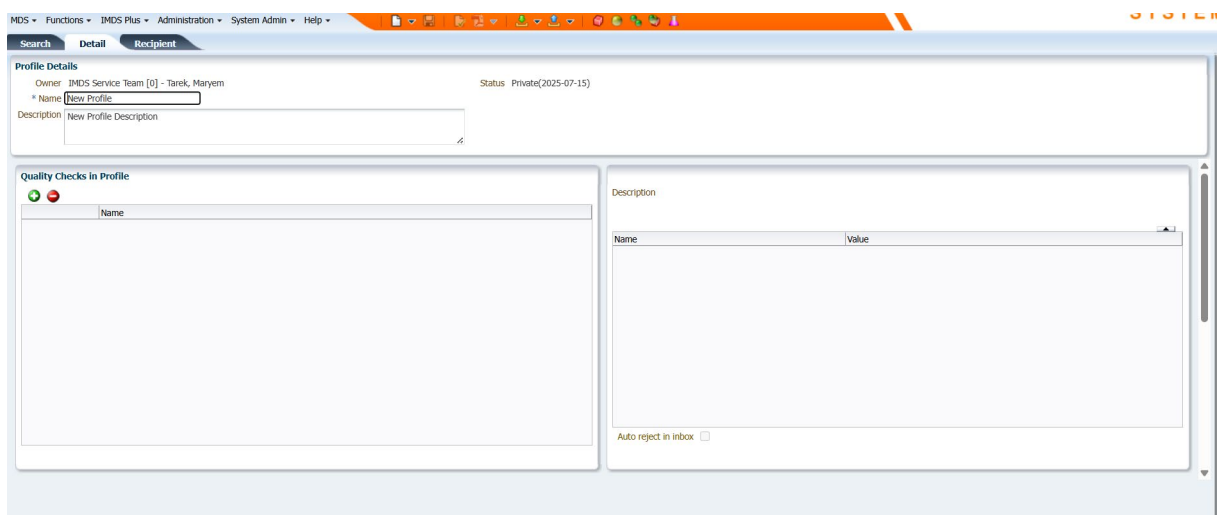
No.	Name	Description	Owner Company	Owner	Status	Status Date
34	test_006		IMDS Service Team	Update, Substance	Internally released	2009-11-11
68	Check for Substances		IMDS Service Team	Müller, Peter	Internally released	2015-06-10
69	Check for Substances which ar...		IMDS Service Team	Müller, Peter	Internally released	2015-06-10
70	Substance against Excel with C...	Substance against Excel with CAS-No	IMDS Service Team	Müller, Peter	Internally released	2015-06-10
10060	profile Param	New Profile Description	IMDS Service Team	Tarek, Maryem	Private	2025-06-29
10021	test test		IMDS Service Team	Hamdy, Mina	Internally released	2025-05-26
10100	ma_002	New Profile Description	IMDS Service Team	Hamdy, Mina	Internally released	2025-07-09
152	Source of mat check		IMDS Service Team	Abdel-Salam, Ahmad	Internally released	2023-11-19
10040	ma_test01	New Profile Description	IMDS Service Team	Ahmed, Shaimaa	Internally released	2025-06-24

The profiles can be internally released, deleted or copied using the right-click menu within the table.

69	Check for Substances which ar...	
70	Substance against Excel with C...	Substance against Excel with CAS-No
10060	profile Param	New Profile Description
10021	test test	
10100	mai_002	Profile Description
152	Source of mat che	
10040	mai test01	New Profile Description

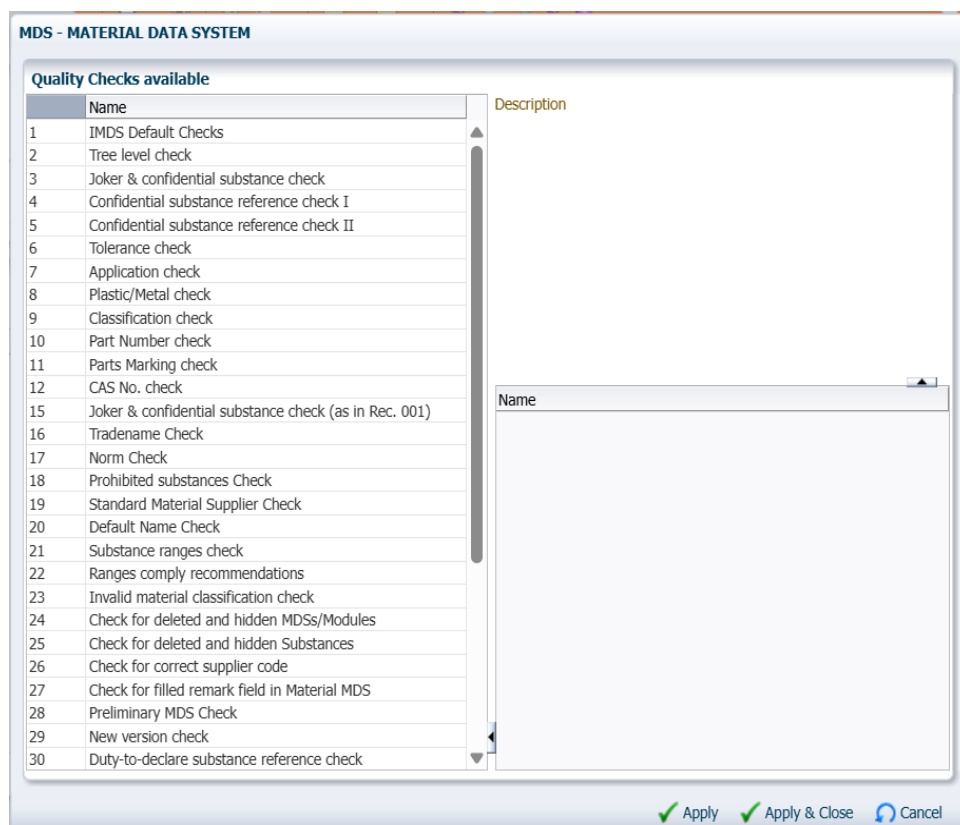


When the Create button is clicked, the Details tab is enabled.



You need to name the profile and optionally give it a description. To add a check to the profile, click on the “+” button to add a new check to the list for the current profile.

Dialog of available checks:



The left part of the dialog shows a list of available checks, when you click on a check, the second part of the dialog loads the description of that quality check. The table below the description is the representation of the parameters if available. An Examiner profile can have as many checks as you want. Just keep selecting a check and click "Apply" or double click the check to be added to the profile. If you want to delete a check, you can close the dialog and select the check to be removed and click the "-" button.

In the details panel, the parameters in the table at the right-hand side of the screen are mandatory to be filled in.

Some checks require an MS Excel file to be uploaded, the “+” in the “File” parameter is used for this purpose. IMDS only accepts *.xlsx files.

4.1.2. Sending an Examiner Profile

In the Recipient tab new companies can be added to send own profiles. A profile cannot be sent to the user’s own company, or if it is a company that has the same root company as the user’s company.

4.2. Examiner Checks

4.2.1. Available Checks

The following table contains a list of available checks.

No	Check	Description
1	IMDS Default Checks	All checks the IMDS system provides. These checks depend on the ownership and the changeability of the MDS/Module. For example, all IMDS Classic checks will be executed against an MDS in Version 0.01 that is owned by your company. In case you execute the IMDS Classic check in the InBox against a received MDS, only the checks valid for read-only MDSs are executed. As a result of these checks, error and/or warning messages are displayed.
2	Tree level check	Recommendation 001 test - checks that all MDS/Module types that are children of the same parent node are of the same type. This check iterates over all nodes in the MDS tree and verifies that all children of the current node are of the same MDS type (Component, Semi-component, Material or Substance). When a parent node has different types of children, an information message is displayed.
3	Joker & confidential substance check	Checks if the amount of Jokers and confidential substances exceeds a given limit. This check iterates over every substance in the MDS tree that is defined as Wildcard/Joker or is marked as confidential and sums up the weight. Then the proportion (in %) of this aggregated weight compared to the complete weight of the MDS/Module is calculated. If this proportion exceeds the percent value in the parameter "Limit (in %)" an information message is displayed. Note: This is not the same as the Recommendation 001 guidelines.
4	Confidential substance reference check I	Checks if confidential substances are referenced. This check iterates over every substance in the MDS tree and displays an information message when a confidential substance was found.
5	Confidential substance reference check II	Checks if confidential substances are referenced over a defined limit. This check iterates over every substance in the MDS tree and compares its proportion (in %) with the amount of the complete MDS/Module. If the proportion exceeds the percent value in the parameter "Limit (in %)" an information message is displayed.
6	Tolerance check	Checks if measured and calculated weight are within the given tolerance. This check iterates over every Component in the MDS tree and compares its deviation (in %) with the percent value in the parameter "Tolerance (in %)". If the Components deviation exceeds this parameter an information message is displayed.
7	Application check	Checks if applications are defined for all application-relevant substances. This check iterates over every application-relevant Substance in the MDS tree and checks if an application has been assigned to it. In case no application is assigned an information message is displayed.

No	Check	Description
8	Plastic/Metal check	Checks if symbols (for plastics) and Std. Material No. (for metals) are filled. This check iterates over every Material in the MDS tree. When it has a Metal Classification (1.x, 2.x, 3.x, 4.x) it is checked that the field "Standard Material Number" is filled. In case of a Plastics Classification, which forces in the web application the use of the symbol wizard (5.1 a, 5.1 b, 5.2, 5.3) the field "Symbol" must be filled. When the field is empty an information message is displayed. By setting parameters, IMDS standard materials can be included in or excluded from the check.
9	Classification check	Checks that a Classification according to SC90 requirements has been assigned to every Material. This check iterates over every Material in the MDS tree and verifies that a Classification is assigned to the Material. In case such an assignment is missing an information message is displayed.
10	Part Number check	Checks for correct part number. This check compares the Part/Item Number of the Component MDS/Module against user-defined patterns. These patterns are defined by parameters and can consist of the following characters: 9 : Numbers 0,1,2,3,4...,9 A : Uppercase characters A-Z a : Lowercase characters a-z x : Characters A-Z, a-z ! : Characters and numbers A-Z, a-z, 0-9 A pattern AA-9999-aa would allow Part/Item Numbers like MB-3109-uz or XX-1234-yy. If the Part/Item Number does not comply with the given patterns an information is displayed. Remark: For Semi-component MDSs/Modules the Item/Mat. No will be checked instead, for Material MDS/Module the Internal Mat.-No.
11	Parts Marking check	Checks for correct Parts Marking. This check verifies if the Parts Marking question has been answered if the Component MDS/Module is relevant for Parts Marking. The entire MDS tree structure is checked for polymeric marking, not only the top node. In case Parts Marking was not answered an information message is displayed, independent from the weight of the relevant material. Remark: In case the weight exceeds defined thresholds the IMDS Default Check displays an error message when executed.
12	CAS No. check	Checks if every Substance has a CAS No. This check iterates over every Substance in the MDS tree and verifies that the CAS No. is not empty and does not contain a "-" or "#" character. In case such a Substance is detected an information message is displayed.
13	Verify Part number against a Microsoft Excel sheet	– deprecated; please replace by check no. 37 –
14	Verify Part number against data source	– deprecated; please replace by check no. 37 –

No	Check	Description
15	Joker & confidential substance check (as in Rec. 001)	Checks if the amount of Jokers and confidential substances exceeds the recommended limit of 10% on each Material as described in Recommendation 001. This check iterates over every substance in the MDS tree that is defined as Wildcard/Joker or is marked as confidential and sums up its weight on the Material node above. Then the proportion (in %) of this aggregated weight compared to the weight of the Material is calculated. If this proportion exceeds 10% an information message is displayed.
16	Trade name check	Checks that every material has a Trade name. The Trade name field in the material is checked for an entry. If no entry is found, an information is displayed.
17	Norm check	Checks that every material has at least one public norm or inhouse norm. If no entry is found, an information is displayed.
18	Prohibited substances check	Checks if prohibited substances are used. Every material containing a prohibited substance is marked accordingly.
19	Standard Material Supplier Check	Marks every Material which is not published by an IMDS Committee company (Stahl und Eisen Liste, IMDS Committee, or IMDS Committee/ ILI Metals). The check can be limited to check only Materials of Classification 1-4 and/or Classification 7.2/7.3.
20	Default Name Check	Flags every node, where a default name is used, that is: the name starts with "Copy_", "Kopie_", "Teil_", "Component_", "Halbzeug_", "Semi-Component_" or "Material_".
21	Substance ranges check	Flags every substance using a range, where the delta (max – min) is greater than a user-defined value. Note: The max-min value is the same regardless of material classification. This is not the Recommendation 001 check for substance ranges.
22	Check for recommendation compliance of ranges	Flags every range, which does not comply with ranges allowed by the IMDS recommendations. Note: This is the Recommendation 001 range check.
23	Invalid material classification check	Checks if a material is using an invalid material classification (all classifications which are no longer used, example: 1.2, 5.1, 5.4, etc.)
24	Check for deleted and hidden MDS/modules	Iterates over the complete MDS tree and flags deleted and hidden MDS or Module references. This check can be used in combination with the "Deleted and hidden MDS/Module" Analysis function to investigate the MDS/Module in detail after the Analysis run.
25	Check for deleted and hidden Substances	Iterates over the MDS tree and flags deleted and hidden substances. This check can be used in combination with the "Deleted and hidden Substance" Analysis function to investigate the MDS/Module in detail after the Analysis run.

No	Check	Description
26	Check for correct supplier code	Checks if the supplier code matches a given pattern. This check compares the supplier code of the MDS/Module against user-defined patterns. These patterns are defined by parameters and can consist of the following characters: 9 : Numbers 0,1,2,3,4...,9 A : Uppercase characters A-Z a : Lowercase characters a-z x : Characters A-Z, a-z ! : Characters and numbers A-Z, a-z, 0-9 A pattern AA-9999-aa would allow supplier codes like MB-3109-uz or XX-1234-yy. In case the supplier code does not comply to the given patterns an information is displayed.
27	Check for filled remark field in Material MDS	Checks if the remark field of a Material MDS contains a comment that should be checked manually.
28	Preliminary MDS Check	Iterates over the MDS tree and flags preliminary MDSs or Modules.
29	New version check	Checks for new versions of referenced MDSs. Every referenced MDS or module in the tree is checked for new available versions. The newest version for own, published or received references is mentioned in the information message.
30	Duty-to-declare substance reference check	Checks if duty-to-declare substances are referenced above a defined limit. This check iterates over every substance in the MDS tree and compares its proportion (in %) with the amount of the complete MDS/Module. If the proportion exceeds the percent value in the parameter "Limit (in %)" an information message is displayed.
31	Prohibited substance reference check	Checks if prohibited substances are referenced above a defined limit. This check iterates over every substance in the MDS tree and compares its proportion (in %) with the amount of the complete MDS/Module. If the proportion exceeds the percent value in the parameter "Limit (in %)" an information message is displayed.
32	SVHC substance reference check	Checks if SVHC substances are referenced above a defined limit. This check iterates over every substance in the MDS tree and compares its proportion (in %) with the amount of the entire MDS/Module. If the proportion exceeds the percent value in the parameter "Limit (in %)" an information message is displayed.
33	Verify MDS references against a Microsoft Excel Sheet	Verifies if MDS references are or are not contained in a Microsoft Excel sheet. Every MDS or module reference in the tree is compared to entries in a column in an MS Excel sheet. The file can be selected with a "file open" dialog. Either the Part/Item/Mat.-No., the module ID or the node ID can be compared. Additionally, it can be defined if the reference should occur in the MS Excel sheet or not. Depending on the selection, an information message is displayed if the reference was or was not found in the file. The column in the sheet is specified by a column number, starting with 1. A column header should not be used.
34	ELV heavy metals Check	Checks if substances of the ELV heavy metals group are referenced. This check iterates over every substance in the MDS tree and displays an information message when a substance of the ELV heavy metals group was found. Related substance groups are: Lead or its compounds, Chromium(VI)-salts, Mercury or its compounds, Cadmium or its compounds.

No	Check	Description
35	Verify Substances against a Microsoft Excel Sheet	Verifies if an MDS has substances which are or are not contained in a Microsoft Excel Sheet. Every substance in the tree is compared to entries in a column in an MS Excel sheet. The file can be selected with a "file open" dialog. Either the Node ID or the CAS-No. can be compared. Additionally, it can be defined if the substance should occur in the file or not. Depending on the selection, an information message is displayed if the substance was or was not found in the MS Excel file. The column in the sheet is specified by a column number, starting with 1. A column header should not be used.
36	Recyclate Check	– deprecated; please replace by check no. 41 –
37	Verify Part number against a Microsoft Excel sheet (replaces check No. 13)	Compares the Part number against Part numbers in a Microsoft Excel sheet. This check compares the Part/Item Number of the Component MDS/Module against many Part/Item Numbers in a column in an MS Excel sheet. If the MDS/Modules Part/Item Number does not occur in the sheet an information message is displayed. Remark: For Semi-component MDS/Modules the Item/Mat. No will be checked instead, for Material MDS/Module the Internal Mat.-No. The column in the sheet is specified by a column number, starting with 1. A column header should not be used.
38	MDS is attached to Request Check	Verifies if the given MDS is attached to a Request.
39	Extended ELV heavy metals check	Checks if substances of the ELV heavy metals group exceeding a given threshold are referenced in a material using a given application ID.
40	Substance Threshold Examiner Check	Verifies substance amounts against user-specified range thresholds from an MS Excel sheet.
41	Source of Material check	Allows the user to check an MDS for various "Source of material" information.
42	Deviation Compliance Check	Checks for recommendation compliance of weights.
43	Extended ELV Heavy Metal Check (multiple)	Checks individual thresholds per Application ID defined in an MS Excel sheet.

4.2.1.1. Detailed description Check 40 – Substance Threshold Examiner Check

Definition of substance thresholds in an XLSX sheet

- Substances are identified either by their NodeID or their CAS No.
- You can define all substances and their corresponding ranges individually and independent from each other in an XLSX sheet.
- Using min/max values, all theoretically possible threshold combinations can be configured for a substance.
- Depending on column G, the amount of the substance must be inside or outside the given min/max range.
- The first row can contain a header.

	Substance	CAS No.	Node ID	Min	Max	Pass check when (I)inside/(O)outside
1						
2	Tantalum	7440-25-7	3135	0,00	30,00	I
3	Tantalum carbide	12070-06-3	141856955	70,00	100,00	O
4	Tin	7440-31-5	3402	30,00	75,00	I
5	Tin oxide	1332-29-2	7204126	0,00	5,00	I
6	Tungsten	7440-33-7	3416	30,00	70,00	I
7	1-Bromopropane	106-94-5	167	0,00	6,00	I
8	1H-Imidazole,1-[2-(2,4-dichlorophenyl)-2-(2-propen-1-yloxy)et]	73790-28-0	503683715	10,00	100,00	O
9	1,2-Benzenedicarboxylic acid, polymer with 2,2'-(1,2-ethanediyl)	68389-55-9	720895	50,00	100,00	I
10	1,2-Dichloroethane	107-06-2	85	1,00	90,00	O
11						
12						
13						
14						

Configuration of the Examiner check

This sample shows how the Substance Threshold Examiner Check can be configured.

Profile Details

Owner Ren Supplier [900041] - Rashwan, Reem
Status Private(2025-11-20)

* Name New Profile

Description New Profile Description

Quality Checks in Profile

+

-

	Name
40	Verify substance amounts against user specified range thresholds from ...

Description Verify if substance amounts in an MDS are inside or outside a user specified range defined in an Excel Worksheet.

Name	Value
File	+
Working Sheet name	
Part/Item/Mat-No. = 1, module ...	1
ID (NodeID/CAS No) column no.	2
Min column no.	3
Max column no.	4
(I)nside/(O)utside column no.	5

Auto reject in inbox ☐

4.2.1.2. Detailed description Check 41 – Source of Material Check

Does the material contain recyclate? (-1: disabled - 0: not answered, 1: No, 2: Yes, 3: has been answered)

Compares the answer for recyclate in materials with a predefined value in the check. This can either be "not yet answered", "no" or "yes". When the answers are not identical, an information message is displayed.

The check can be disabled, when entering -1.

from/to ranges of the recyclate information for mechanical pre-consumer, mechanical post-consumer, chemical pre-consumer, chemical post-consumer and bio-based content.

The check allows to configure a from/to range for each recyclate/content type. When this range is outside the range for the recyclate/content of the checked material, an information message is displayed.

The check can be disabled by setting the "from" and the "to" value to -1.

When one value is set and the corresponding partner value is not, the check automatically assumes 0.0% for an unset from-value and 100.0% for an unset to-value.

Percentage point differences within the given ranges of the recycle information for mechanical pre-consumer, mechanical post-consumer, chemical pre-consumer, chemical post-consumer and bio-based content.

This check allows to verify if the given from/to range of the material in the MDS is larger than a threshold defined in the check. In this case, an information message is displayed.

The check can be disabled by setting the "percentage point difference" to -1.

Restrict the above checks to materials of a certain classification.

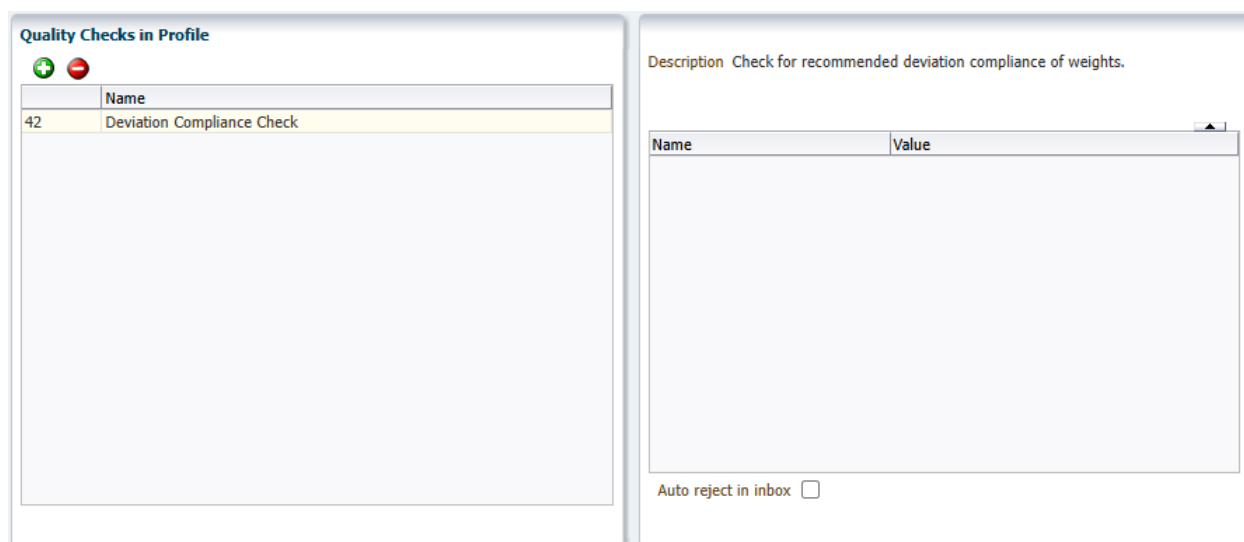
All the above checks can be limited to certain material classifications and will be omitted for materials of other classifications.

You can enter a concrete classification No. like "5.1.a" or the beginning of the classification No. like "5.1". In the latter case all classifications beginning with "5.1" like "5.1.a", "5.1.b", ... will be included in the check.

The check can be disabled by setting the "Classification No." to an empty string.

Please note that this check replaces the functions of check #36 Recyclate check.

4.2.1.3. Detailed description Check 42 – Deviation Compliance Check



Quality Checks in Profile

+ -

	Name
42	Deviation Compliance Check

Description Check for recommended deviation compliance of weights.

Name	Value

Auto reject in inbox ☐

This is an Examiner check executing the same checks as the existing IMDS Web check for Recommendation #001, rule 4.2.2.C. Whenever the IMDS Web check would throw errors or warnings, the content is put into an information message instead. This message can be used in the Inbox Automation to trigger an auto-reject.

4.2.1.4. Detailed Description Check 43 – Extended ELV Heavy Metal Check (multiple)

Profile Details

Owner Ren Supplier [900041] - Rashwan, Reem
Status Private(2025-11-20)

* Name New Profile

Description New Profile Description

Quality Checks in Profile

+

-

	Name
43	Extended ELV Heavy Metal Check (multiple)

Description Check if substances of the ELV heavy metals group exceeding a user specified thresholds are referenced in a Material using a user specified application IDs from an Excel sheet.

Name	Value
File	+
Working Sheet name	
Application ID column no.	2
Substance Threshold column no.	3

Auto reject in inbox ☐

Parameter will be added to the check:

- File
- Working Sheet name
- Application ID column no.
- Substance Threshold column no.

Sample XLSX file:

	A	B	C	D
1		Application ID	Threshold in %	Application
2		11	1,00	Stabiliser in protective paints
3		29	7,20	16 - Batteries for electrical vehicles
4		79	10,00	8(k) - Soldering of heating applications with 0,5A or more of heat current per related solder joint to single panes of laminated glazings not exceeding wall thickness of 2,1 mm. This exemption does not cover soldering to contacts embedded in the intermediate polymer

4.2.2. Adding Parameters to Checks Requiring Them

For some of the checks you can define the parameters yourself.

Example: Joker & confidential substance check. This special check examines an entire MDS for this limit, i.e. if the limit for Jokers and confidential substances is reached adding all values from the top node and all referenced nodes.

The screenshot shows the 'Quality Checks in Profile' window. On the left, a table lists the checks:

	Name
3	Joker & confidential substance check

On the right, the 'Description' field reads: 'Check if amount of Jokers and confidential substances exceed a given limit on the root node.' Below this, a table shows the parameters:

Name	Value
Limit (in%)	10

The weight of a complete component is 110g. You define a threshold for Jokers and confidential substances of 5%, which leads to 5.5 g of Jokers and confidential substances allowed in the total tree structure. This check verifies if this threshold is reached: if for example the amount of "Misc." in the complete MDS is 5.3 g then this would be 4.81%. In this case, the check is successful, and no information message appears. As soon as you would set the threshold to 4.0 % a message would inform you that your value is exceeded.

4.2.3. Flagging Checks for Automatic Rejection

If you are using Inbox Automation, you may want to flag certain critical checks for automatic rejection. Good uses of this feature are checking for valid part numbers, supplier codes and material classifications although any check could be flagged as such.

This screenshot is similar to the previous one, but with an additional checkbox at the bottom right of the configuration panel. The checkbox is labeled 'Auto reject in inbox' and is checked (indicated by a blue checkmark). A red rectangle highlights this checkbox.

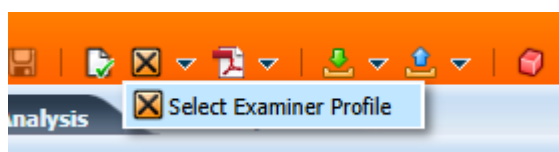
Should you use this check in Inbox Automation, the flagged checks will trigger automatic rejection, and the rejection reason will be entered based on the flagged checks that the MDS failed.

4.2.4. IMDS Default Checks

The IMDS Default checks execute the Standard IMDS checks against an MDS and are also executable in the Inbox. The IMDS checks produce errors and warnings like in the IMDS Online application. All other checks produce information messages only.

4.2.5. Starting the Examiner Function

The Examiner check button can be found next to execute check button of mds and can only be visible to IMDS PLUS users and it is disabled by default and enabled when the MDS is loaded. To execute the examiner, click on the button and choose “Select Examiner Profile” to be executed.

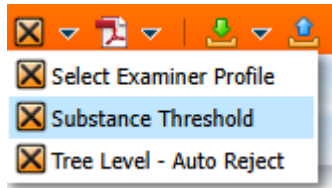


Then you can use the button in the toolbar and choose “Select Examiner Profile” to choose a certain check profile. Then the Examiner Profile screen will appear.

Profile Maintenance						
No.	Name	Description	Owner Company	Owner	Status	Status Date
10022	Missing Excel File	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-10
10036	Default Checks - ...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-10
10037	Missing Excel File...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-10
10038	Existing Excel File	New Profile Description	Ren Supplier	Rashwan, Reem	Sent	2025-11-11
10090	Tree Level - Auto ...	New Profile Description	Ren Supplier	Rashwan, Reem	Sent	2025-11-17
10100	Substance Thres...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-20
10042	Check 43	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-11
10053	PrivateAgain	New Profile Description	Ren Supplier	Rashwan, Reem	Sent	2025-11-11
10054	TestAddingAndRe...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-11
10020	Default Checks	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-10
10021	Tree level check	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-10
10039	Existing Excel File...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-11
10040	Missing to Be Ad...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-11
10041	Existing Excel File...	New Profile Description	Ren Supplier	Rashwan, Reem	Private	2025-11-11
10091	Tree Level	New Profile Description	Ren Supplier	Rashwan, Reem	Sent	2025-11-17
10092	Missing File	New Profile Description	Ren Supplier	Rashwan, Reem	Sent	2025-11-17
10052	From Company 0	New Profile Description	IMDS Service Team	Rashwan, Reem	Sent	2025-11-11

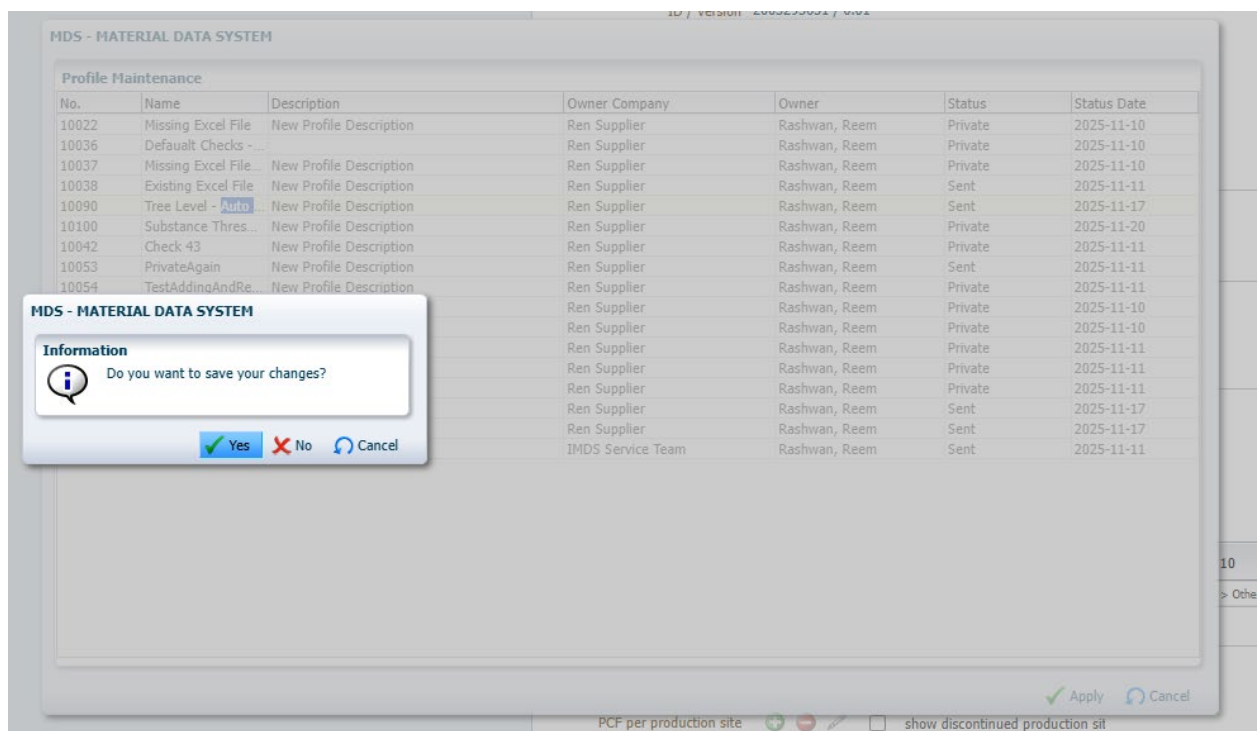
Clicking on Apply will start the check.

Alternatively, you can start the check by picking on of the previously picked examiner profiles from the drop-down menu. This list will be emptied when the user logs out.



When an examiner profile is picked and applied the examiner quality checks is executed against the loaded MDS:

If the MDS is not saved or modified a dialog to inform the user that the MDS will be saved is shown:



If the MDS is not saved, the check will not be executed.

When saving the MDS, all informational messages and warnings resulting from the check are displayed at the bottom of the screen. Clicking on a message will take you to the node where the check has failed.

Check results - 0 Error(s) / 0 Warning(s) / 1 Information						Export	
No.	Type	Tab	Node / Recipient	Message	MDS Supplier	Supplied MDS ID / Version	
1		Ingredients	Material_Check	Material contains a prohibited substance	-	-	

4.2.6. Rejecting a Received MDS

If a received MDS is examined by a selected profile and then you choose to reject this MDS, the rejection dialog will contain the reason of rejection which is filled with the check results of the exam profile:

MDS - MATERIAL DATA SYSTEM

Recipient data

Name Component_2000298 ID version 2000298400 / 2
transmitted 07/13/2025 from comp. Jaguar Land Rover Limited
last status changed 07/13/2025 Status browsed

Reason for denial

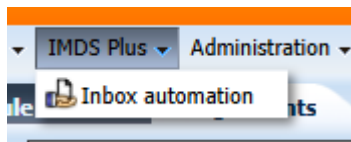
Reason for denial The MDS was rejected for the following reasons:
Info: Biocide Material: Material contains a prohibited substance

Reject Cancel

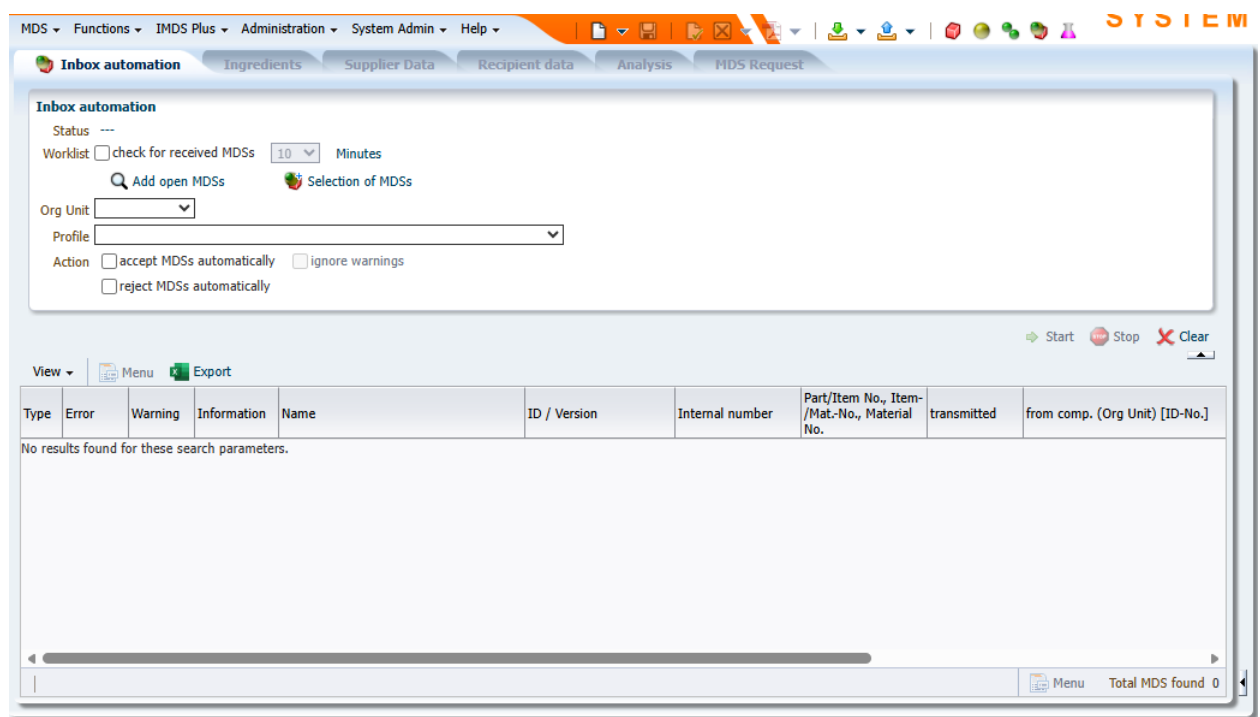
5. INBOX AUTOMATION

By using Inbox Automation, IMDS Plus can process received MDSs automatically by using the Examiner to validate them in the background while the user is logged into IMDS Plus session. In a user-defined interval, the IMDS Plus can check for newly received MDSs and add them to the MDS List area. Also, open MDSs (not yet browsed and browsed) already contained in the In Box can be processed. There is an option to either add all open MDSs to the MDS List area or to add them manually from the In Box by applying search parameters. You must be in an active IMDS Plus session to use Inbox Automation.

To open inbox automation page, click on IMDS Plus Menu > Inbox Automation:



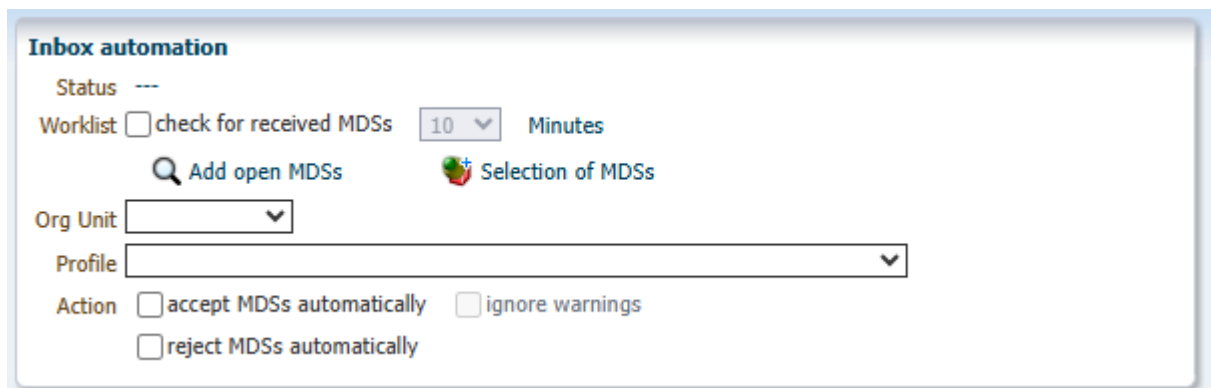
This is how the inbox automation page looks like:



The Inbox Automation feature uses a single Examiner Profile to review MDSs received by the company. When the Inbox Automation is started, the system runs the Examiner Profile for each MDS in the MDS list and saves the result. Between checking MDSs, there is a system defined idle time to save system resources on the client and the server.

5.1. Inbox Automation Settings

This is a detailed explanation of available configuration for inbox automation examiner:



Status Indicator

Displays the current state of the Examiner:

- "----" means stopped.
- "Examiner: Module ID / version" means currently examining this exact MDS.
- "Idle": the delay before examining the next MDS or waiting to receive new MDSs.

Worklist Options

- Check for received MDSs: Enables periodic checks (based on the specified interval in minutes) for newly received MDS records.
- Interval Field: Defines the frequency (in minutes) for checking new received MDSs.

Add Open MDSs

Populates the table with received MDSs both seen and unseen MDSs.

Selection of MDSs

When pressed, it opens the inbox search dialog allows manual selection of specific MDS records to be shown in the table, with the "browsed" and "not yet browsed" statuses checked and all other status filters in the search are unchecked.

Accepted MDSs can be added to table list, but no accept or reject actions will be performed on them.

Profile Dropdown

Loads all available profiles visible to the current user upon initialization.

Includes: Own, Internal, and Received profiles.

5.2. Actions

5.2.1. Accept MDSs Automatically

When enabled, the system will automatically accept examined MDSs if the check results are free of errors and/or informational messages, if the "Ignore Warnings" flag is not enabled, they must also be free of warnings.

5.2.2. Ignore Warnings

If selected with auto-accept, examined MDSs will be accepted even if warnings exist. But it still follows errors and information rules mentioned above.

5.2.3. Reject MDSs Automatically

When checked, the examined MDS will be rejected if it has any errors, or if it has an information message that was initially configured to auto reject. The rejection reason is then automatically generated as a collection of found errors, warning, and informational messages for this MDS.

5.3. Inbox Automation Action Buttons

Start

Starts the examination process. It is only clickable if:

- Valid profile is selected.
- There is at least one MDS in the table that is not yet examined or “check MDSs periodically button” is selected.

Stop

Stops the examination process and it can be resumed later. It is only clickable if the Examiner is running.

Clear

Clears the table of MDSs. It is only clickable if the examiner is not running.

5.4. Inbox Automation Results Table

The MDS List area in the Inbox Automation Window is a view on the normal In Box with columns added for errors, warning and info messages. If these columns are empty, the MDS has not yet been examined. After the MDS has been examined, these columns will contain the number of messages for each category. After the MDS has been processed (accepted or rejected), the MDS is removed from the list. If the user right clicks on an MDS, the **context menu will be displayed with multiple available actions.**

Type	Error	Warning	Information	Name	ID / Version	Internal number	Part/Item No., Item-/Mat.-No., Material No.	transmitted	from comp. (Org Unit) [ID-No.]	Status	last status changed	Reason for denial
1	0	0		test conf water cairo	2000571551 / 2	13213	13213	11/16/2025	Cairo_CO1 [12121410]	browsed	11/16/2025	
2				Cancel_Test	901246232 / 1	aaa		11/26/2019	SB SplitTarget (Organisation unit 2) [1...	browsed	7/1/2020	
2				conf test water	2000571549 / 1	123456		11/16/2025	Cairo_CO1 [12121410]	browsed	11/16/2025	
2				PolymericParts	2000559549 / 1	5768		8/13/2025	Cairo_CO1 [12121410]	browsed	11/3/2025	
2				X Part	900830552 / 1	1234		6/16/2011	IMDS Test Data [9000000]	browsed	6/29/2020	
2				TestForward2	901191793 / 1	aa		2/28/2012	AI Supplier 3 [900320]	browsed	2/28/2012	
2				Part_Forward_Forbidden	901041364 / 1	1234		1/18/2012	AI Supplier 2 [900319]	browsed	1/18/2012	
2				Part_To_Forward	901041332 / 1	1234		1/14/2012	AI Supplier 3 [900320]	browsed	1/14/2012	
2				Test_Forward	901000794 / 1	123		12/21/2011	IMDS Test Data [9000000]	browsed	12/21/2011	
2				Test_ForwardNotAllowed	901000795 / 1	123		12/21/2011	IMDS Test Data [9000000]	browsed	12/21/2011	
2				ForwardTest1	901191781 / 1	aaa		2/28/2012	AI Supplier 3 [900320]	browsed	2/28/2012	
2				REACH SubTree (external)	905908811 / 1	REACH S		7/17/2018	JT Autotelle [900146]	browsed	7/17/2018	
2				Supplier Component	900827109 / 1	9003406		5/26/2011	IMDS Test Data [9000000]	browsed	5/26/2011	
2				Test_Forward	901000772 / 1	123		12/20/2011	IMDS Test Data [9000000]	browsed	12/20/2011	
2				Compo1_900329375	900329375 / 1	CompoTr		4/15/2010	AI Supplier 2 [900319]	browsed	4/15/2010	
2				Material von 900015	900081951 / 1	LIEFERA		3/9/2009	HPE icm2 Demo1 [900015]	browsed	3/9/2009	
2				C_900081437	900081437 / 0.01	1	1	3/5/2009	TestMerge2 [900464]	browsed	7/3/2022	
2				Powertrain	900941929 / 1	9080706022-PP	9080706022-PP	2/4/2012	Engineering Consulting and Solutions [...]	browsed	2/27/2012	

5.5. Post-Examining MDS Options

After the entry has been processed through the check, you may select it and perform one of the following actions from the Inbox Automation window:

View the MDS together with the results of the Examiner. The user can check the errors, warnings and informational messages and decide whether the MDS should be accepted or rejected. If the Examiner did not run yet on an MDS, it can also be viewed but without the result messages. To view the MDS from the Inbox Automation window, double click on the MDS and another window will open or right click on the MDS and click View.

Details

Common Information

- Type: Component (received MDS)
- ID / Version: 2000572349 / 0.01
- Node ID: 2000572349
- Node count: 8
- MDS Supplier: Cairo_CO1
- Description: DifferentTypes-MDSYSTEM-7705
- Part/Item No.: 1234
- Preliminary MDS: No
- Multi Sourced: No

Dates

- Create Date: 11/17/2025
- Release Date: not available

Check results - 0 Error(s) / 0 Warning(s) / 1 Information

No.	Type	Tab	Node / Recipient	Message	MDS Supplier	Supplied MDS ID / Version
1	Warning	Ingredients	DifferentTypes-MDSYSTEM-7705	There are different types of MDSs/Modules in the same tree level.	Cairo_CO1	2000572349 / 0.01

Accept the MDS.

Only possible after the Examiner has been run from the Inbox Automation Window. The MDS may still be accepted without the Examiner run from the normal In Box page.

Reject the MDS.

Only possible after Examiner has been run from the Inbox Automation Window. By using this option, the rejection dialog appears, and the results of the examiner are copied into the reject reason. If the user rejects from the normal In Box page and not the Inbox Automation window, the Examiner messages will not be available.

MDS - MATERIAL DATA SYSTEM

Recipient data

Name	Testing Examiner Checks	ID version	2003288643 / 0.01
transmitted	11/12/2025	from comp.	IMDS Service Team
last status changed	11/12/2025	Status	browsed

Reason for denial

Reason for denial

Information: Testing Examiner Checks: There are different types of MDSs/Modules in the same tree level.

Reject Cancel

5.6. Persistence of Results and Logging Out

The background processing of the Inbox Automation can be started or stopped by the user. The results of the Examiner are stored as long as the IMDS Plus session is open. After closing logging out of IMDS, the results are discarded. Any open received MDS can be added during another session and the Inbox Automation can then recreate the results.

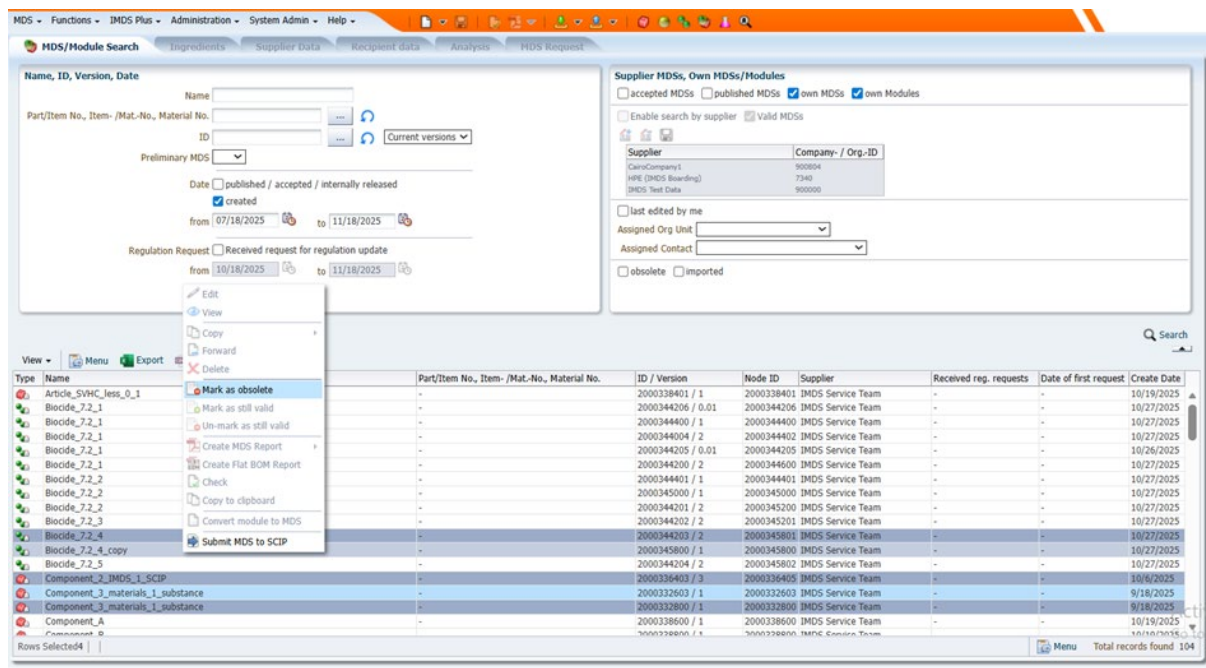
If the user tried to log out from IMDS while the inbox automation examiner is running, it will display a confirmation message to make sure that the user wants to terminate it.



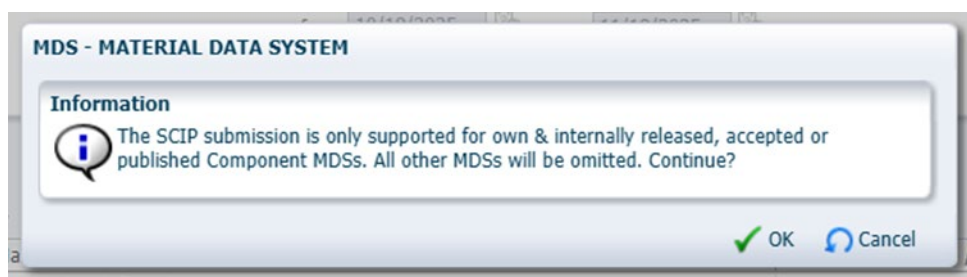
6. SCIP BULK SUBMISSION

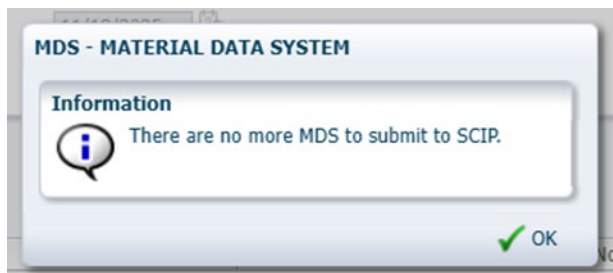
The Bulk SCIP interface in IMDS Plus allows you to submit multiple MDSs per user interaction (a “bulk” of MDSs) to SCIP. This Bulk SCIP module perfectly harmonizes with the Analysis & Reporting add-on module of IMDS Plus, but it can also be used with the Where-Used Analysis, Component search, MDS/Module search, Inbox and Outbox search screens.

The following screenshot shows the SCIP Bulk Submission functionality in combination with the MDS/Module Search. Simply mark all MDSs to be submitted to SCIP and launch the “Submit MDS to SCIP” function using the Context menu by right clicking on the MDS/MDSs.



If none of the selected MDSs is a Released/Published/Accepted component type, the following 2 popups are displayed, and the SCIP Submission dialog does not open.





If at least one Released/Published/Accepted component type MDS is selected, the SCIP Submission dialog is then launched. MDSs which do not satisfy the initial validation criteria (Release/Published/Accepted Component type) are marked as "Omit" in the Action Column with the reason listed in the corresponding "Validation Message" column to indicate that they will be discarded from SCIP Submission.

Action	Type	Part/Item No.	ID version	Node ID	Article Name	Validation Message
Omit		-	906428270 / 1	906428270	ABAK_test	The SCIP submission is only supp...
Omit		-	2000266204 / 1	2000266204	ABAK_test	The SCIP submission is only supp...
Omit		-	904243551 / 0.01	904243551	Ablehn-Test RSdfdfdf	The SCIP submission is only supp...
Add		905868373	905868373 / 1	905868373	AblehnTest	
Omit		905868373	905868373 / 1.01	2000173635	AblehnTest	The SCIP submission is only supp...
Omit		905868373	905868373 / 1.02	2000173658	AblehnTest	The SCIP submission is only supp...

Filling up necessary submission input (Legal entity key from drop down, include Classification 9.X) enables the "SCIP Submission" button.

Checking "Assume SCIP Defaults" will avoid the Error of missing SCIP info, by assuming defaults if any SCIP info is missing (example: default Material category for each material classification).

MDS - MATERIAL DATA SYSTEM

Submit MDS to SCIP

Legal Entity

Include SVHC in classification 9.x (Fuels and auxiliary means) ?

Assume SCIP Defaults ☒ ?

Action	Type	Part/Item No.	ID version	Node ID	Article Name	Validation Message
Omit		-	906428270 / 1	906428270	ABAK_test	The SCIP submission is only supp...
Omit		-	2000266204 / 1	2000266204	ABAK_test	The SCIP submission is only supp...
Omit		-	904243551 / 0.01	904243551	Ablehn-Test RSdfdfdf	The SCIP submission is only supp...
Add		905868373	905868373 / 1	905868373	AblehnTest	
Omit		905868373	905868373 / 1.01	2000173635	AblehnTest	The SCIP submission is only supp...
Omit		905868373	905868373 / 1.02	2000173658	AblehnTest	The SCIP submission is only supp...

Close
 SCIP Submission

Clicking "Submit to SCIP" would schedule all the MDSs marked in the table with "ADD" in the action column for SCIP submission, their submission status can be monitored under Functions | SCIP Submissions screen.

MDS - MATERIAL DATA SYSTEM

Submit MDS to SCIP

Legal Entity

Include SVHC in classification 9.x (Fuels and auxiliary means) ?

Assume SCIP Defaults ☒ ?

Action	Type	Part/Item No.	ID version	Node ID	Article Name	Validation Message
Omit		-	906428270 / 1	906428270	ABAK_test	The SCIP submission is only supp...
Omit		-	2000266204 / 1	2000266204	ABAK_test	The SCIP submission is only supp...
Omit		-	904243551 / 0.01	904243551	Ablehn-Test RSdfdfdf	The SCIP submission is only supp...
Add		905868373	905868373 / 1	905868373	AblehnTest	
Omit		905868373	905868373 / 1.01	2000173635	AblehnTest	The SCIP submission is only supp...
Omit		905868373	905868373 / 1.02	2000173658	AblehnTest	The SCIP submission is only supp...

Close
 SCIP Submission

The user is notified of the submission: any MDSs which are currently still have ongoing unfinished submissions will have a message indicating that status in the table column "Validation Message".

MDS - MATERIAL DATA SYSTEM

Submit MDS to SCIP

Legal Entity: DXC.Technology - EntServ Deutschland GmbH

Include SVHC in classification 9.x (Fuels and auxiliary means): Yes

Assume SCIP Defaults: ☒

MDS - MATERIAL DATA SYSTEM

Information

The Module/MDS will be submitted to the SCIP database.
For updates about this submission please check Functions > SCIP submissions.

OK

Action	Type	Part	ID version	Node ID	Article Name	Validation Message
Omit						
Omit						
Omit						
Add		905868373	905868373 / 1	905868373	AblehnTest	
Omit		905868373	905868373 / 1.01	2000173635	AblehnTest	The SCIP submission is only supp...
Omit		905868373	905868373 / 1.02	2000173658	AblehnTest	The SCIP submission is only supp...

Close SCIP Submission

MDS - MATERIAL DATA SYSTEM

Submit MDS to SCIP

Legal Entity: DXC.Technology - EntServ Deutschland GmbH

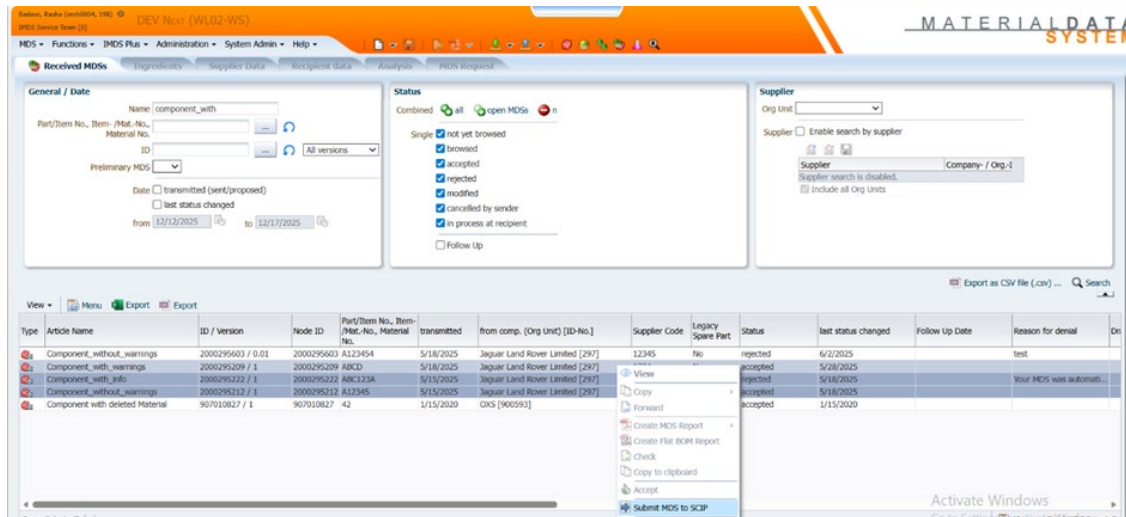
Include SVHC in classification 9.x (Fuels and auxiliary means): Yes

Assume SCIP Defaults: ☒

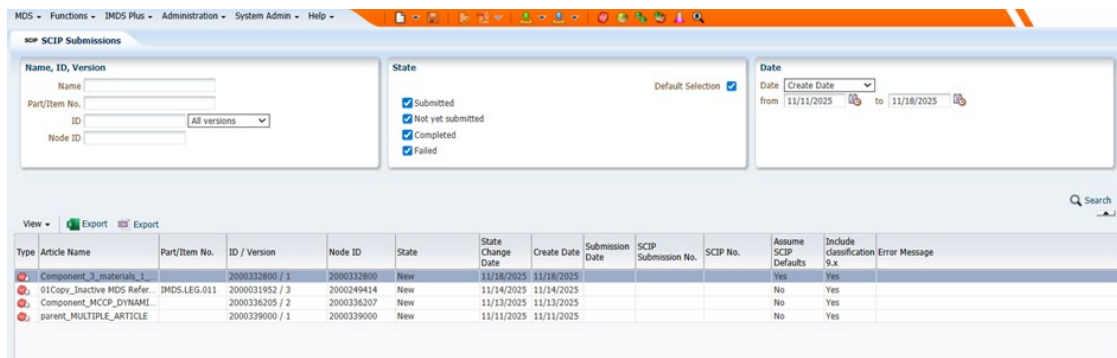
Action	Type	Part/Item No.	ID version	Node ID	Article Name	Validation Message
Add		905868373	905868373 / 1	905868373	AblehnTest	

Close SCIP Submission

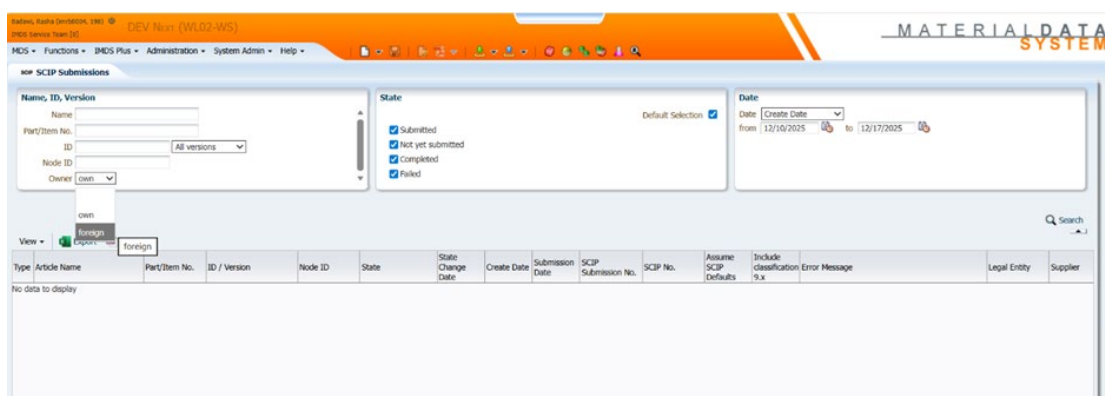
If only one entry is selected for the submission of Published and Accepted MDSs, this is not possible in the SCIP Bulk submission screen but is possible through search screens (retrieved by selecting "Published" or "Accepted" check boxes) and in the Inbox screen (notification messages will reflect this accordingly).



Monitoring the submission status for submitted MDSs is possible via the SCIP Submission screen from the Menu "Functions > SCIP Submissions".



Users with privileges to submit foreign MDSs will see an extra search criterion in the SCIP Submission screen to filter SCIP submissions based on the "Owner".



IMDS Service Team (1)

MDS - Functions - IMDS Plus - Administration - System Admin - Help

SCP Submissions

Name, ID, Version

Name:

Part/Item No.:

ID: All versions

Node ID:

Owner:

State

☒ Submitted

☒ Not yet submitted

☒ Completed

☒ Failed

Default Selection ☒

Date

Date: Create Date

From: 12/10/2025 To: 12/17/2025

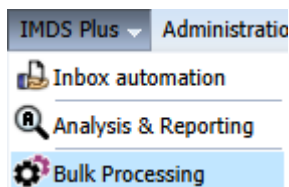
View ☒ Export ☐ Export

Type	Article Name	Part/Item No.	ID / Version	Node ID	State	State Change Date	Create Date	Submission Date	SCP Submission No.	SCP No.	Assume SCP Default	Include classification	Error Message	Legal Entity	Supplier
Component	Component		200021481 / 1	200021481	Submission rejected	12/17/2025	12/17/2025	12/17/2025	BNK02261-06		Yes	Yes	SCP Validation Report	DXC Technology	Diemo Company
Component	Component		2000254367 / 1	2000254367	Completed	12/17/2025	12/17/2025	12/17/2025	BNK04621-11	46c91683-882	Yes	Yes		DXC Technology	CarroCompany1
Component	Component		2000254367 / 1	2000254367	Completed	12/17/2025	12/17/2025	12/17/2025	BNK04621-11	46c91683-882	Yes	Yes		DXC Technology	CarroCompany1
Powertrain	908076022-PP		900941929 / 1	900941929	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK74559-02		Yes	Yes	SCP Validation Report	DXC Technology	Engineering Consulting and ...
Assembly	ASSEMBLY		2000262739 / 1	2000262739	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK827926-93		Yes	Yes	SCP Validation Report	DXC Technology	Tilivoro
Supplier Component	ROOT123		2000274870 / 1	2000274870	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK043423-07		Yes	Yes	SCP Validation Report	DXC Technology	Supplier 001
Component_vno_a2	12		2000291352 / 1	2000291352	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK020113-25		Yes	Yes	SCP Validation Report	DXC Technology	Stahl und Eisen Late
Component_vno_a2	12		2000291352 / 2	2000291352	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK976767-77		Yes	Yes	SCP Validation Report	DXC Technology	Stahl und Eisen Late
REACH/SPR SubTree (external)	REACH/SPR S.		905908813 / 1	905908813	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK756644-92		Yes	Yes	SCP Validation Report	DXC Technology	Tilivoro
REACH SubTree (external)	REACH SubTre		905908811 / 1	905908811	Completed	12/16/2025	12/16/2025	12/16/2025	BNK325955-94	2c855a8b-778	Yes	Yes		DXC Technology	JT Autostar
Component_Test_No_Modification	AAAA		2000262737 / 1	2000262737	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	HabibCompany
Component_test3	HELLO		2000291103 / 3	2000291106	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	Jaguar Land Rover Limited
REACH/SPR SubTree (external)	REACH/SPR S.		905908813 / 1	905908813	Submission rejected	12/16/2025	12/16/2025	12/16/2025	BNK745330-07		Yes	Yes	SCP Validation Report	DXC Technology	Tilivoro
maltest3	1		906469519 / 1	906469519	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	CarroCompany1
maltest3	1		906469520 / 1	906469520	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	CarroCompany1
test	1223		906468505 / 2	2000202099	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	CarroCompany1
maltest10	1		906469521 / 1	906469521	Validation failed	12/16/2025	12/16/2025	12/16/2025			Yes	Yes	There are no components with > 0.1% of an SV...	DXC Technology	CarroCompany1
Roode Component with Node	Acting		905758461 / 12	905758461	Submission rejected	12/15/2025	12/15/2025	12/15/2025	BNK768188-80		Yes	Yes	SCP Validation Report	DXC Technology	HPE (Development)
JT Reject Test	JT Reject Test		906228577 / 1	906228577	Submission rejected	12/15/2025	12/15/2025	12/15/2025	BNK73732-11		Yes	Yes	SCP Validation Report	DXC Technology	Tilivoro
200W Power Supply	1000		905988243 / 1	905988243	Submission rejected	12/15/2025	12/15/2025	12/15/2025	BNK477604-05		Yes	Yes	SCP Validation Report	DXC Technology	GKS
Component_vno_a2	12		2000291352 / 2	2000291352	Submission rejected	12/15/2025	12/15/2025	12/15/2025	BNK01533-06		Yes	Yes	SCP Validation Report	DXC Technology	Stahl und Eisen Late

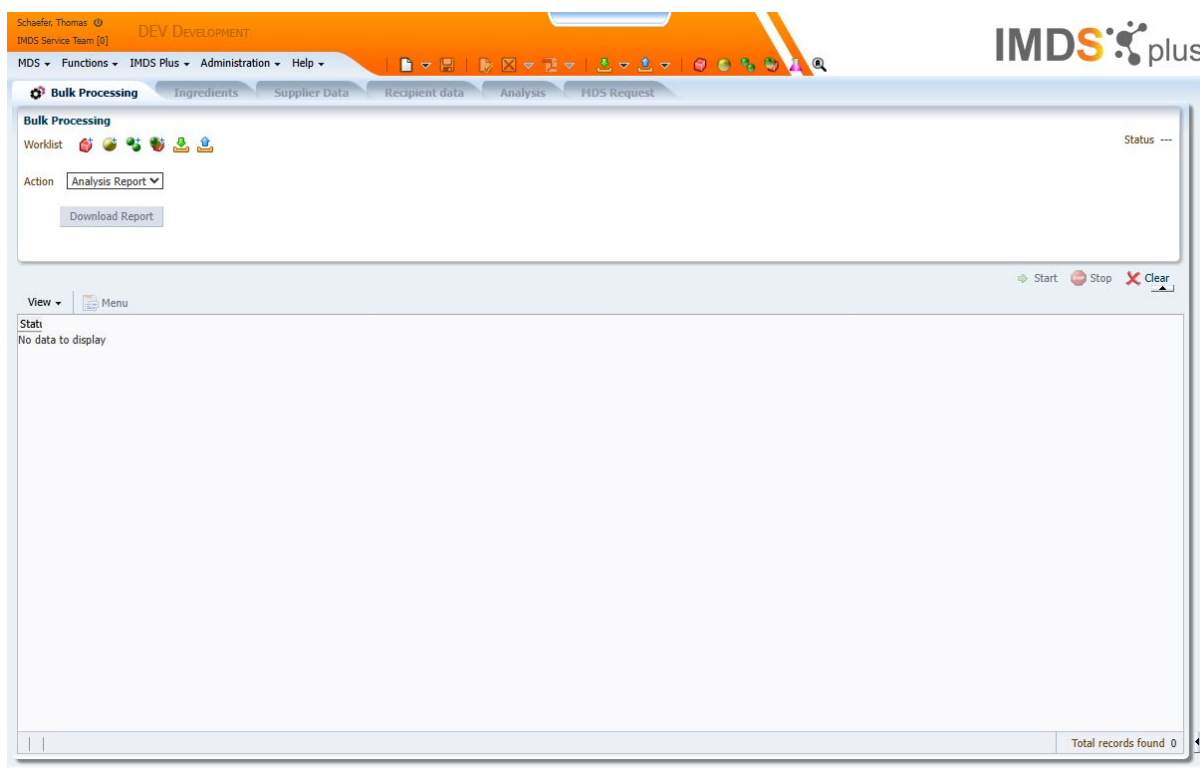
7. BULK PROCESSING

By using the Bulk Processing module, the IMDS Plus user can automatically process multiple MDSs and generate Analysis report data for these MDSs. These reports contain information about Materials, Classifications and Basic substances used in the MDS similar to the Analysis tab in the MDS detail window for one MDS.

The Bulk processing can be accessed from the IMDS Plus menu:



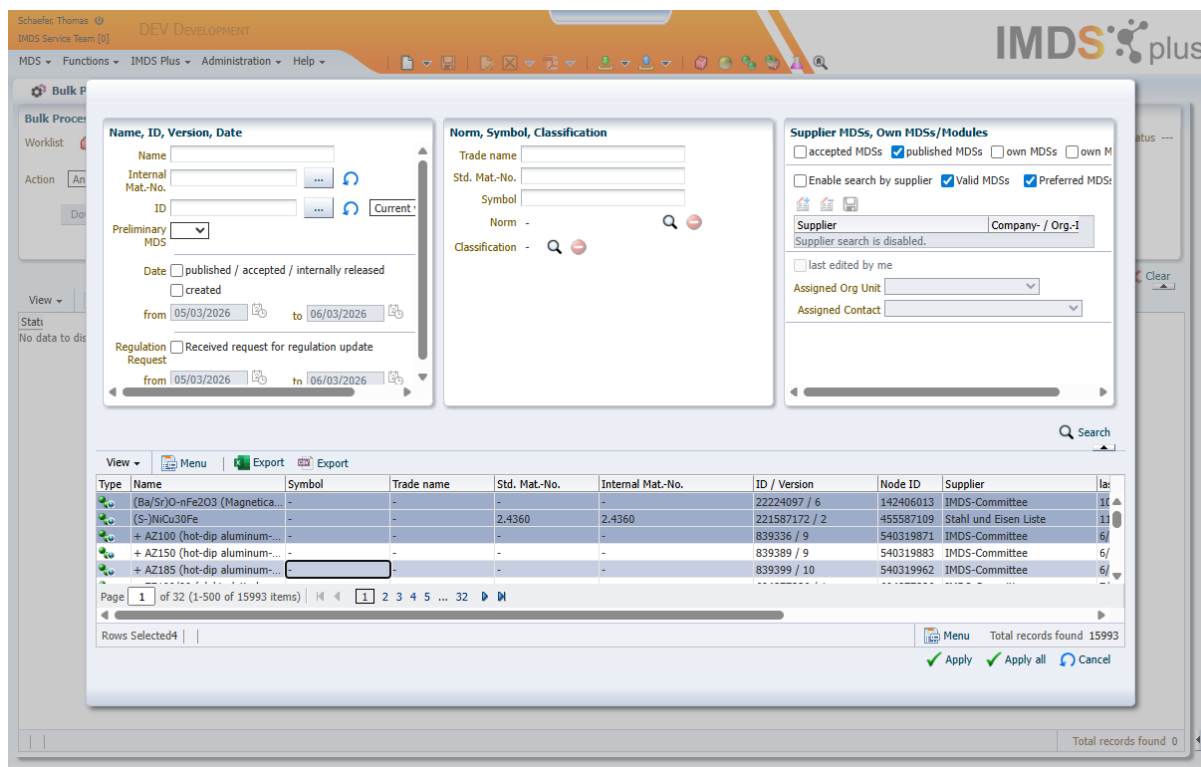
After selecting “Bulk Processing” from the menu, the module is opened. The window is divided into a control section and a worklist section and action buttons at the bottom of the window.



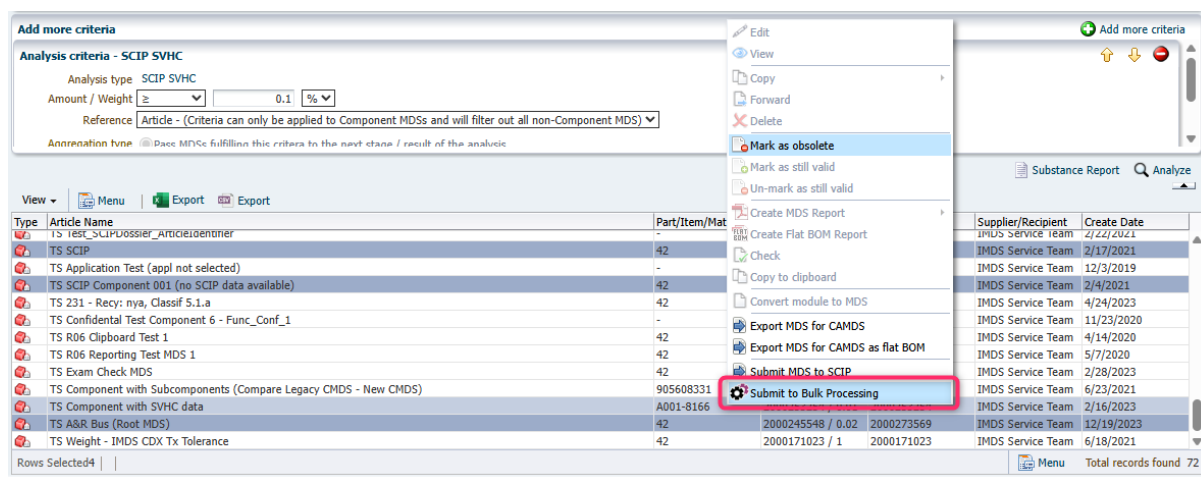
Pushing one of the “Worklist” icons opens the corresponding search window.

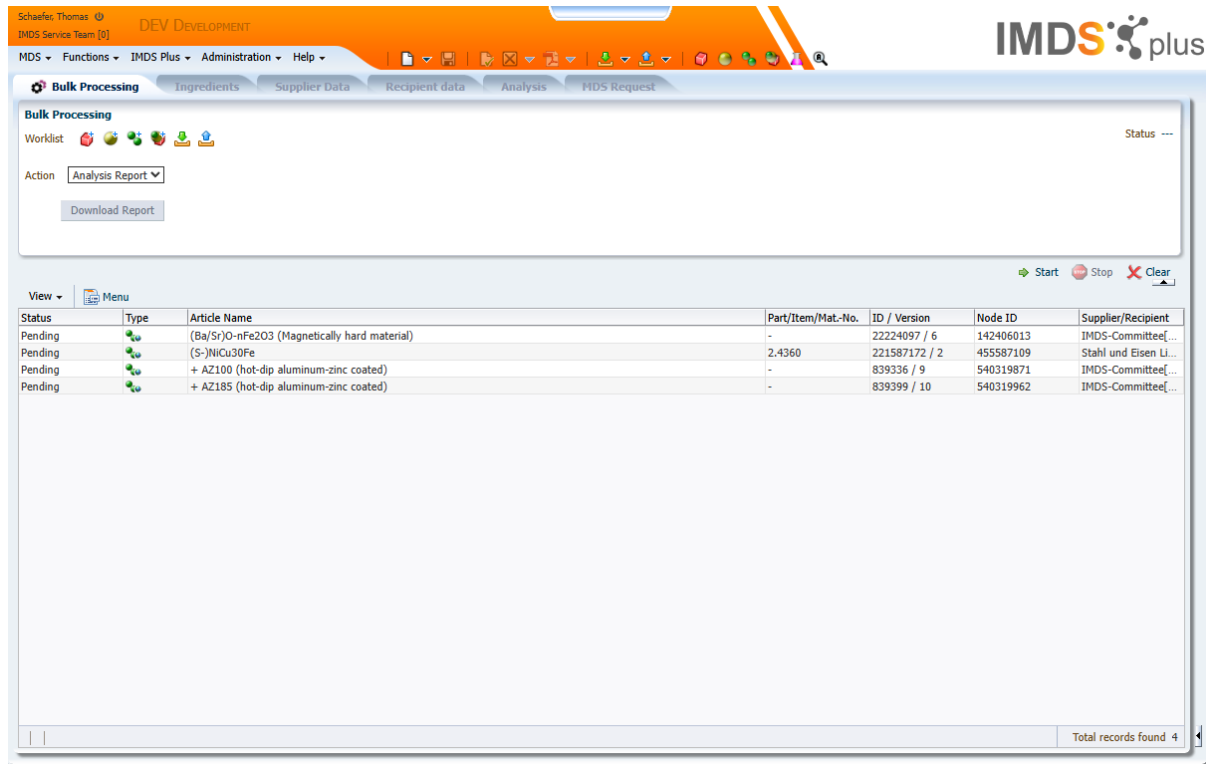


After having identified the MDSs to be processed, the user can either select the MDSs to add to the Bulk Processing window and press “Apply” or add all search results by clicking “Apply all”.



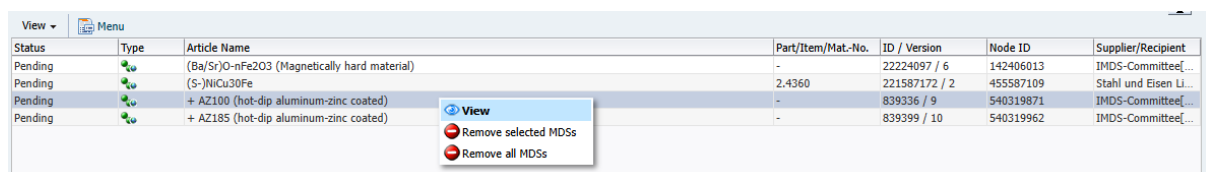
To add MDSs from the Where-Used Analysis or the Analysis & Reporting module to the Bulk Processing, you have to select the desired MDSs in the result table and then use the popup menu by right clicking on a selected row.





Having added MDSs to the worklist table, the user can right-click which will show two possible actions:

- "View" will open the selected MDS and display its detail data.
- "Remove selected MDSs" removes the selected MDSs from the table and will not consider these for processing.
- The second menu is "Remove all MDSs" which empties the entire table.

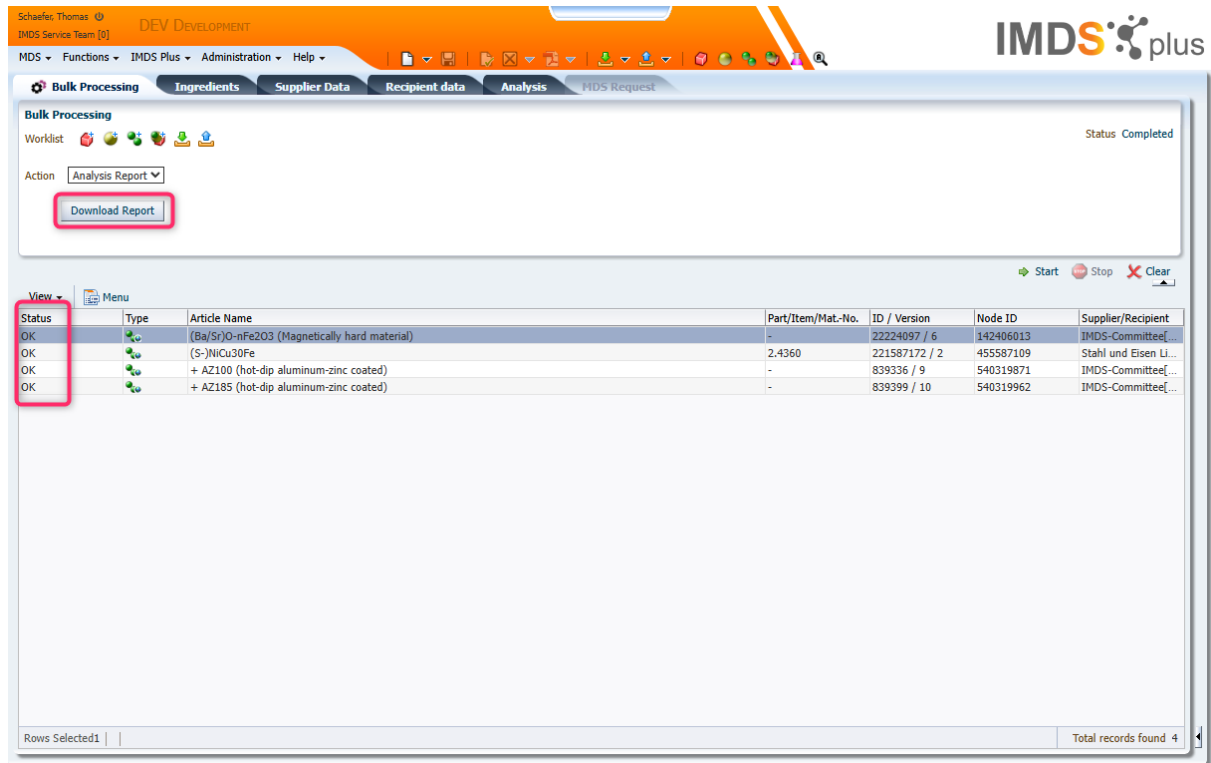


At the right-hand side of the panel, there are three buttons

- The button "Start" allows to launch the processing of the MDSs inside the table and a report is generated after the processing is finished.
- The button "Stop" ends the running process and writes the report for the finished MDSs (status: OK) only.
- The button "Clear" resets the whole window to its default values.

Note: The “Start” and the “Stop” button can be used to pause the processing and then resume it again.

Once all MDSs have been processed, the user is informed by a popup message, and the “Download” button gets enabled.



Pressing the “Download Report” button will create the Analysis report for all MDSs in the status “OK” and provide this report in the download area of your web browser.

Note: Having stopped or paused the processing by clicking “Stop”, the report can be generated for the already processed MDSs in status “OK”.

The created Analysis Report will contain the Classification as well as Material and Substance information stored in three Excel worksheets:

Material

	A	B	C	D	E	F	G	H	I	J	K
1	Name	Part/Item No.	ID / Version	Node ID	MDS Supplier	Weight	Classification	ID / Version	Material	Percent	Weight
2	(Ba/Sr)O-nFe2O3 (Magnetically hard mater-	22224097 / 6	142406013	IMDS-Committee (423)	0.0	7.2 Ceramics / glass	22224097 / 6	(Ba/Sr)O-nFe2O3 (Magnetically hard material)	100 %	-	-
3	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (813)	0.0	3.4 Nickel alloys	221587172 / 2	(S-)NiCu30Fe	100 %	-
4	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	2.1 Aluminium and a	839336 / 9	+ AZ100 (hot-dip aluminum-zinc coated)	100 %	-
5	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	2.1 Aluminium and a	839399 / 10	+ AZ185 (hot-dip aluminum-zinc coated)	100 %	-

Classification

	A	B	C	D	E	F	G	H	I	J
1	Name	Part/Item No.	ID / Version	Node ID	MDS Supplier	Weight	Classification	Description	Percent	Weight
2	(Ba/Sr)O-nFe2O3 (Magnetically hard mater	-	22224097 / 6	142406013	IMDS-Committee (423)	0.0	7.2	Ceramics / glass	100 %	-
3	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	3.4	Nickel alloys	100 %	-
4	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	2.1	Aluminium and aluminium alloys	100 %	-
5	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	2.1	Aluminium and aluminium alloys	100 %	-

Basic Substances

	A	B	C	D	E	F	G	H	I	J	K
1	Name	Part/Item No.	ID / Version	Node ID	MDS Supplier	Weight	CAS No.	Basic Substance	GADSL / SVHC	Percent	Weight
2	(Ba/Sr)O-nFe2O3 (Magnetically hard material)	-	22224097 / 6	142406013	IMDS-Committee (423)	0.0	1309-37-1	Diiron-trioxide	-	84.5 %	-
3	(Ba/Sr)O-nFe2O3 (Magnetically hard material)	-	22224097 / 6	142406013	IMDS-Committee (423)	0.0	1304-28-5	Barium oxide	D / SVHC	9 %	-
4	(Ba/Sr)O-nFe2O3 (Magnetically hard material)	-	22224097 / 6	142406013	IMDS-Committee (423)	0.0	1314-11-0	Strontium-oxide	D	6.5 %	-
5	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-02-0	Nickel	D / SVHC	66.204807 %	-
6	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-50-8	Copper	DP / SVHC	30.403605 %	-
7	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7439-89-6	Iron	D	1.600901 %	-
8	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7439-96-5	Manganese	-	0.801202 %	-
9	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-48-4	Cobalt	D / SVHC	0.400601 %	-
10	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-21-3	Silicon	-	0.2003 %	-
11	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7429-90-5	Aluminium (metal)	-	0.2003 %	-
12	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-32-6	Titanium	-	0.12018 %	-
13	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7440-44-0	Carbon	-	0.06009 %	-
14	(S-)NiCu30Fe	2.4360	221587172 / 2	455587109	Stahl und Eisen Liste (313)	0.0	7704-34-9	Sulphur	-	0.008012 %	-
15	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	7429-90-5	Aluminium (metal)	-	55 %	-
16	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	7440-66-6	Zinc (metal)	-	43.4945 %	-
17	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	7440-21-3	Silicon	-	1.5 %	-
18	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	7439-92-1	Lead	DP / SVHC	0.0005 %	-
19	+ AZ100 (hot-dip aluminum-zinc coated)	-	839336 / 9	540319871	IMDS-Committee (423)	0.0	7440-43-9	Cadmium	DP / SVHC	0.0005 %	-
20	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	7429-90-5	Aluminium (metal)	-	55 %	-
21	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	7440-66-6	Zinc (metal)	-	43.4945 %	-
22	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	7440-21-3	Silicon	-	1.5 %	-
23	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	7439-92-1	Lead	DP / SVHC	0.0005 %	-
24	+ AZ185 (hot-dip aluminum-zinc coated)	-	839399 / 10	540319962	IMDS-Committee (423)	0.0	7440-43-9	Cadmium	DP / SVHC	0.0005 %	-

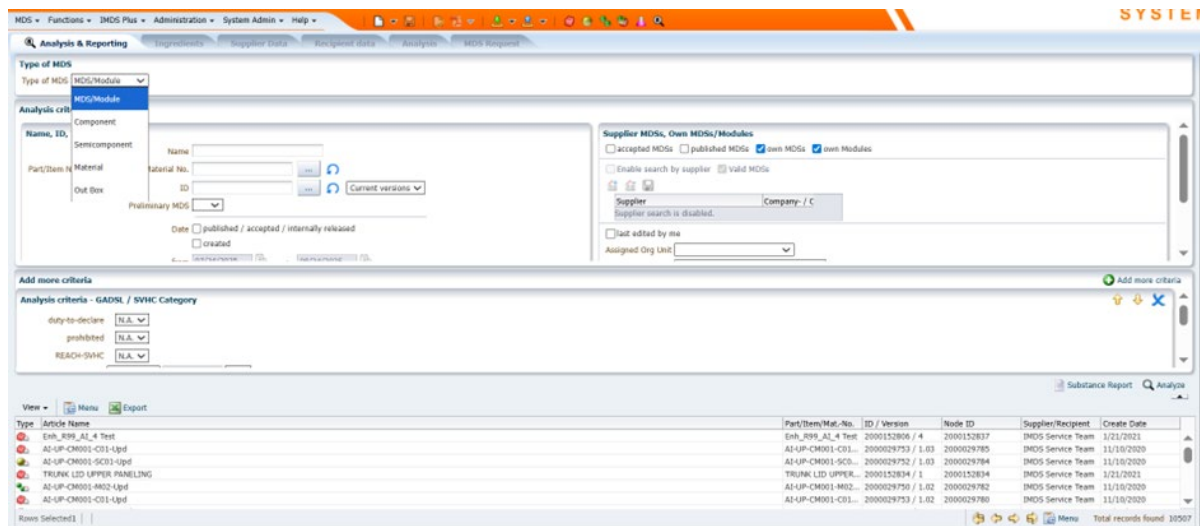
8. ANALYSIS AND REPORTING MODULE

This additional IMDS Plus module provides unlimited analysis of your IMDS MDSs with revised and refined analysis capabilities. It needs to be separately licensed from IMDS Plus.

Using the menu IMDS Plus > Analysis & Reporting (A&R) opens the analysis window. For users without a valid license the below message is displayed when opening the window or when trying to launch an Analysis, which is not allowed without a license:



Users with a valid license can analyze their MDSs with basic criteria, which are displayed as shown below:

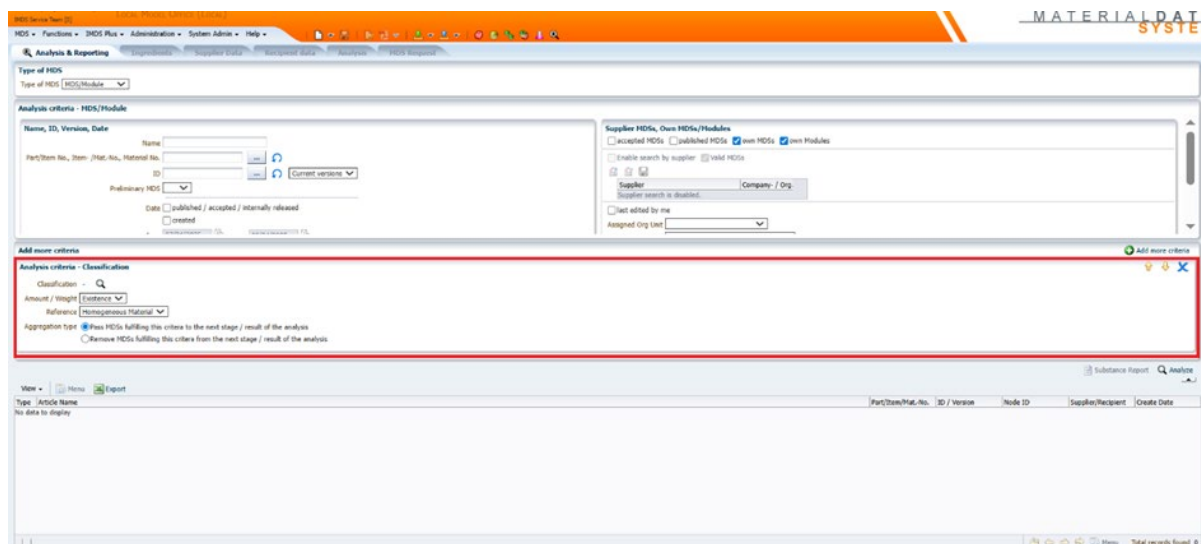


There are different types of MDSs, which can be analyzed separately: MDS / Modules, Components, Semi-components, Materials and MDSs in the Outbox. Changing the type of MDSs to be analyzed leads to changes in the "MDS Selection" area – in the following picture for the type Outbox which allows to analyze MDSs sent to customers.

Using the Regulation request checkbox, the user can search for regulatory information for which his company has already sent or received a request and check the “imported” checkbox to allow searching for imported datasheets/modules from CAMDS.

You can set additional criteria as already known from other search windows. Clicking the  button, opens a list with all available analysis criteria:

Selecting a criterion and pressing OK adds a corresponding Analysis Criteria panel to the Analysis & Reporting window.



You can add more criteria and sort the selected criteria in the window by using the buttons

or to move criteria panels up or down, or to remove panels.

Every Analysis Criteria panel has different supported parameters, which can be filled/selected for your analysis (e.g. aggregation type, amount/weights, basic substance, substance group or list, classification).

The following Analysis Criteria are available:

- Application Code
- Basic Substance
- Basic Substance Group
- Basic Substance List
- California Proposition 65
- Classification
- Company-specific Basic Substance Lists
- Conflict Minerals
- Deleted and hidden Substances
- Deleted, hidden and obsolete MDS/Modules
- GADSL / SVHC Category
- MDS/Module
- REACH Regulations (SVHC, Annex XIV, Annex XVII)
- Source of Material, including circular materials

Multiple analysis can be combined – results of an analysis can be the input for succeeding analysis options. With the Aggregation Type you can pass MDSs fulfilling the selected criteria to or you can remove those MDSs from the next stage / result of the analysis.

By clicking "Substance Report", a dialog allows to define the output format and the file name. Users can choose between "Multi-Lines Report" or "Single Line Report":

A master/detail report is created first listing the MDS details followed by the substance details. Only MDSs with substances fulfilling the search criteria are listed.

If "Single Line Report" is chosen the result file contains a list of MDSs according to the analysis criteria entered.

MDS	Name	MDS ID	Node ID	Supplier (Site/Item/Mat.)	Recipient (Site/Item/Mat.)	Substance	CAS No.	MDSL/Article	Article	Name	Article ID	Version	Strength/Concentration
47	TB Component with TCP data	20007032718-01	20007032718-01	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-01	TB Component with TCP data	18	20	Page not visible. REACH Annex (18 Group 1)
48	TB Component with TCP data	20007032718-02	20007032718-02	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-02	TB Component with TCP data	18	20	Page not visible. REACH Annex (18 Group 1)
49	TB Component with TCP data	20007032718-03	20007032718-03	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-03	TB Component with TCP data	18	20	Page not visible. REACH Annex (18 Group 1)
50	Aglycoland	900242711-01	900242711-01	ANCI Service Team (S)		Lead	7439-92-1	SF0	900242711-01	Aglycoland	18	20	Page not visible. REACH Annex (18 Group 1)
51	Aglycoland	900242711-02	900242711-02	ANCI Service Team (S)		Lead	7439-92-1	SF0	900242711-02	Aglycoland	18	20	Page not visible. REACH Annex (18 Group 1)
52	RA_MDS_CSD_404	20007032718-01	20007032718-01	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-01	RA_MDS_CSD_404	18	20	Page not visible. REACH Annex (18 Group 1)
53	RA_MDS_CSD_404	20007032718-02	20007032718-02	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-02	RA_MDS_CSD_404	18	20	Page not visible. REACH Annex (18 Group 1)
54	RA_MDS_CSD_404	20007032718-03	20007032718-03	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-03	RA_MDS_CSD_404	18	20	Page not visible. REACH Annex (18 Group 1)
55	RA_MDS_CSD_404	20007032718-04	20007032718-04	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-04	RA_MDS_CSD_404	18	20	Page not visible. REACH Annex (18 Group 1)
56	RA_MDS_CSD_404	20007032718-05	20007032718-05	ANCI Service Team (S)		Lead	7439-92-1	SF0	20007032718-05	RA_MDS_CSD_404	18	20	Page not visible. REACH Annex (18 Group 1)

MDS information listed in the report:

- No.
- MDS Type
- Name
- Part/Item/Mat.-No.
- ID / Version
- Node ID
- Supplier/Recipient

Substance information listed in the report:

- Type
- Substance name
- CAS No.
- GADSL / SVHC
- Article Node ID
- Article Name
- Article number

- g Article (only for reference "Article")
- % Article / % H.-Mat.
- Article Amount (only for reference "Article")
- Group/List Membership
- Tier 1 Supplier Information

The column "Amount" shows the number of usages of the substance/article combination in the component located above the article. Let say your article is a screw and this screw is used 8 times in the above seat assembly, then the amount would show 8.

If the Article has no parent Component for which the amount can be shown a "-" will be shown instead ("-1" in *.CSV reports).

No.	MDS Type	Name	Part/Item/Mat. No.	ID / Version	Article ID	Supplier/Responsible	g Article	% Article	# Article	Group/List Membership
12	3 Component	Seat		2000170230 / 1	2000170230	IMDS Service Team (S)				
13	Substance	5-tert-Butyl-2,4,6-trinitro-m-xylene	81-15-2	SPD	2000170230	Test	0.003	0.3	-	REACH Annex XIV, RNES B 00027 - Complete, RNE SVHC, Per and Poly- fluoralkyl substances (PFAS)
14	Substance	Dibenzene-trioxide	1327-53-3	SPD	2000170230	Test	0.197	19.7	-	REACH Annex XIV, REACH Annex XVII Group 2, C 00027 - Complete, RNES B 00027 - Prohibited, SCF fluoralkyl substances (PFAS)
15	Substance	Hexabromocyclododecane	25637-99-4	SP	2000170230	Test	0.71	71	-	REACH Annex XIV, RNES B 00027 - Complete, RNE Regulation, SCIP SVHC, Per and Poly- fluoralkyl salts and related compounds
16	Substance	Dibenzene-pentaoxide	1303-28-2	SPD	2000170230	Test	0.09	9	-	REACH Annex XIV, REACH Annex XVII Group 2, B 00027 - Complete, RNES B 00027 - Complete, RNES B SVHC, Per and Poly- fluoralkyl substances (PFAS)
17	4 Component	Component_409	-	2000170231 / 1.01	2000170240	IMDS Service Team (S)				
18	Substance	1,2,3-Trichloropropane	96-18-4	S-D	2000170240	Component_scip	50	50	-	Process Chemicals, REACH Annex XVII Group 2, C 00027 - Complete, RNES B 00027 - Prohibited, S fluoralkyl substances (PFAS)

The output format "Microsoft Excel" is only available for smaller reports since the number of rows is limited in the Microsoft Excel application. For larger reports, the *.CSV format should be used instead.

8.1. Examples for Analysis Criteria

Check for MDS/Modules using the given Application Code.

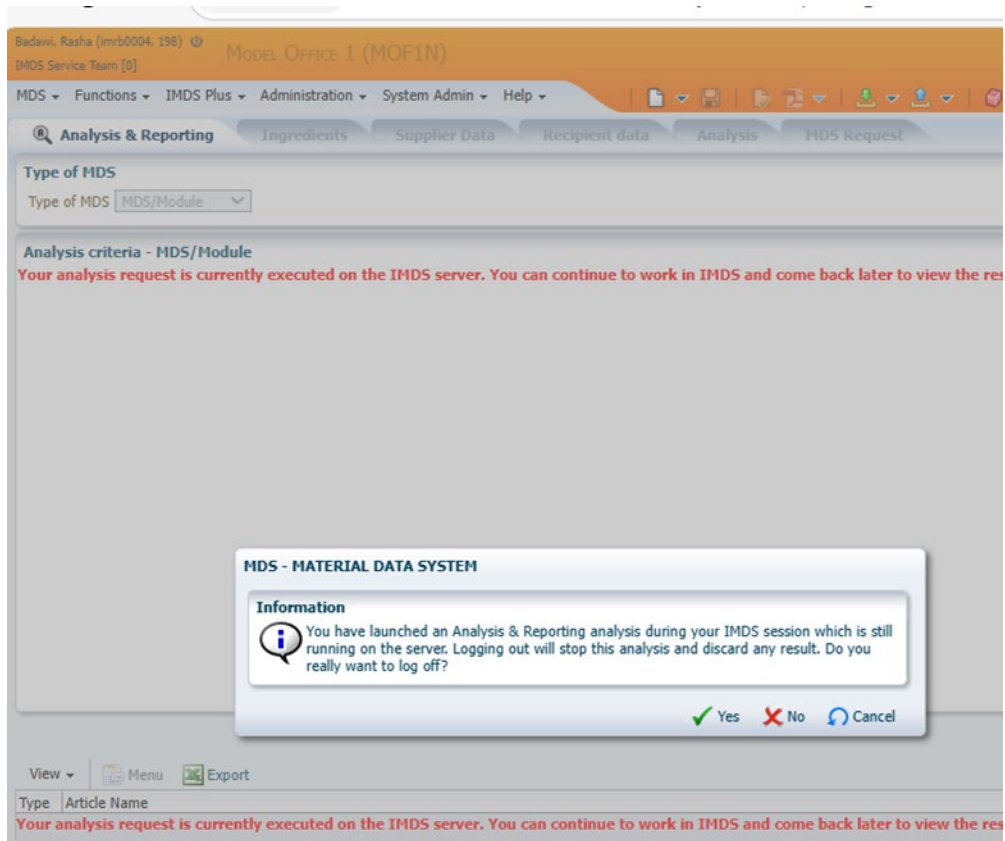
Check for substances under California Proposition 65.

Check for substances using different GADSL / SVHC categories.

Check for materials/articles containing REACH relevant substances (REACH SVHC, Annex XIV, Annex XVII).

The user can choose to have Tier 1 supplier information displayed in substance-based reports.

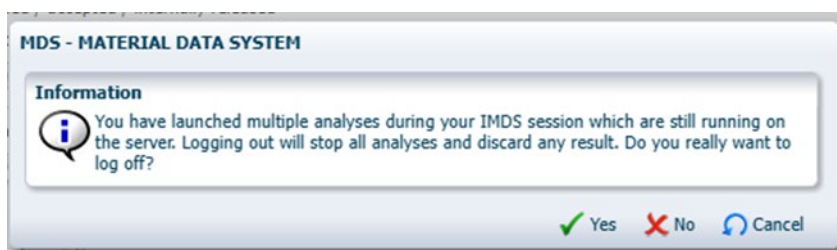
If the User decides to logout during the execution of an A&R analysis, the following popup dialog appears:



Answering Yes or Cancel: will end the A&R analysis and logs the user out.

Answering No: will cancel the logout and take the user to the A&R analysis Module screen.

If more than one type of analyses are running in IMDS web (Ex. WUA, A&R, IBA), and the user decides to logout, the following popup dialog appears:



Answering Yes or Cancel: will end all Analysis types and log the user out

Answering No: will cancel the logout and keeps the user in the current page.



9. FURTHER SUPPORT

For questions concerning all administrative and technical features of IMDS Plus, please contact us under:

mds-solutions@dxc.com

The IMDS Plus support team will reply to your questions as soon as possible.

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