

# BOSCH POWER TOOLS MATERIAL DECLARATION IN CDX SYSTEM

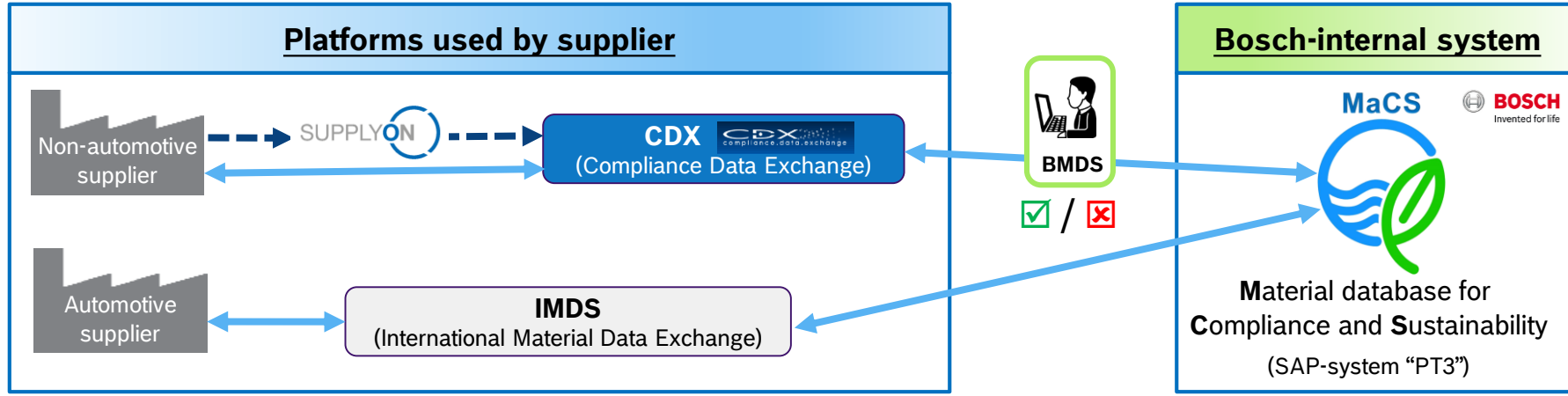
## SUPPLIER MANUAL (VERSION 3.1)

# Content


- 1. Introduction of CDX @ Bosch Power Tools**
- 2. Log in and user administration**
- 3. CDX material declaration for Bosch Power Tools**
  - Demo-1 (Substances are Non-Detected)
  - Demo-2 (Substances are detected, lower than limit)
  - Demo-3 (Substances are detected, exemption is allowed)
  - Demo-4 (Family declaration)
  - Demo-5 (Assign MDS to new request)
  - Demo-6 (Change rejected MDS)
- 4. Get in contact**

# 1. INTRODUCTION OF CDX @ BOSCH POWER TOOLS

# Introduction of CDX @ Bosch Power Tools



- CDX is set up as eService free of charge at SupplyOn  
Company registration for CDX via SupplyOn is mandatory
- Data exchange

 Within BOSCH Power Tools (PT): The "**Bosch Material Data Service**" in Europe supports the purchasing activities concerning the Bosch-Norm N2580. For example within the part release process, the **BMDS** will send the "**CDX Material Data Sheet Request**" documents to the supplier. They will assist you with any questions or problems regarding this Bosch-Norm. [BMDS.postbox@de.bosch.com](mailto:BMDS.postbox@de.bosch.com)

CDX system is the platform for suppliers to declare materials according to Bosch N2580.

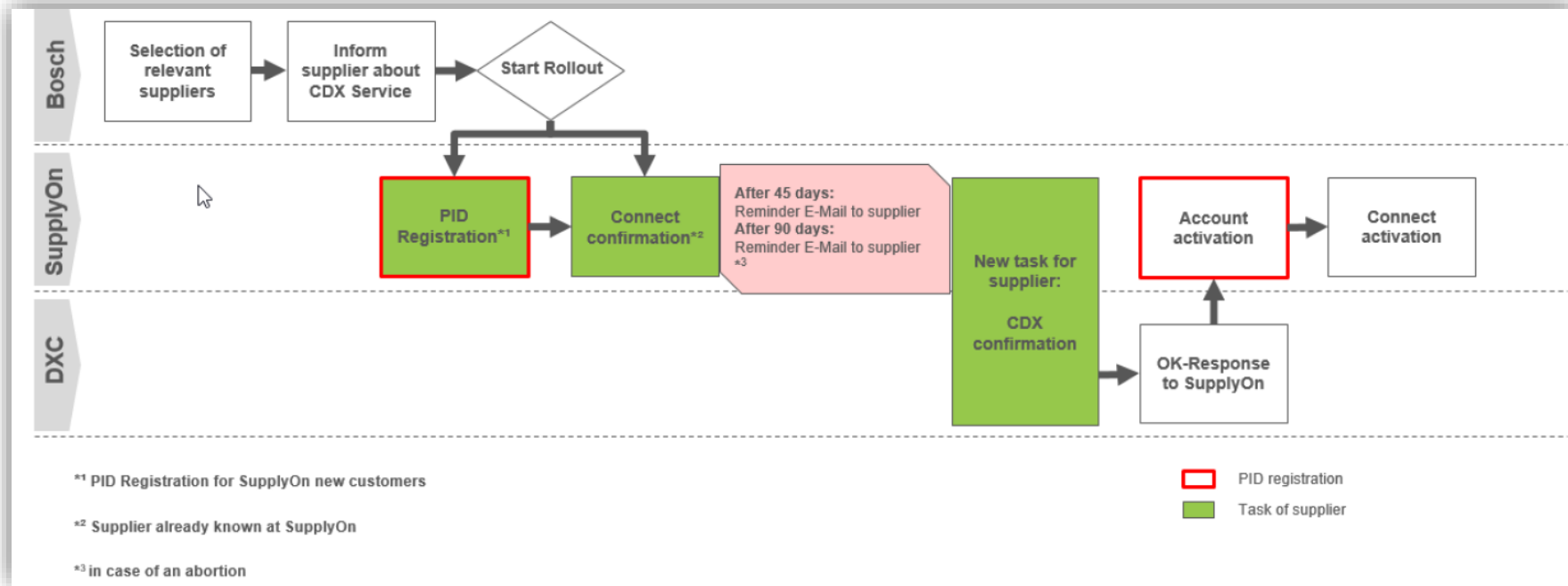
# 2. LOG-IN AND USER ADMINISTRATION

# Content – Log-in and user administration

- [How to register?](#)
- [User ID forgotten?](#)
- [How to request new password?](#)
- [Company Administration Function](#)
  - [Create new user ID](#)
  - [Activate expired user ID](#)
  - [Extend validity period for an active user](#)
- [How to set Material Data Sheet \(MDS\) view?](#)
- [Important hints](#)

# Log-in and user administration

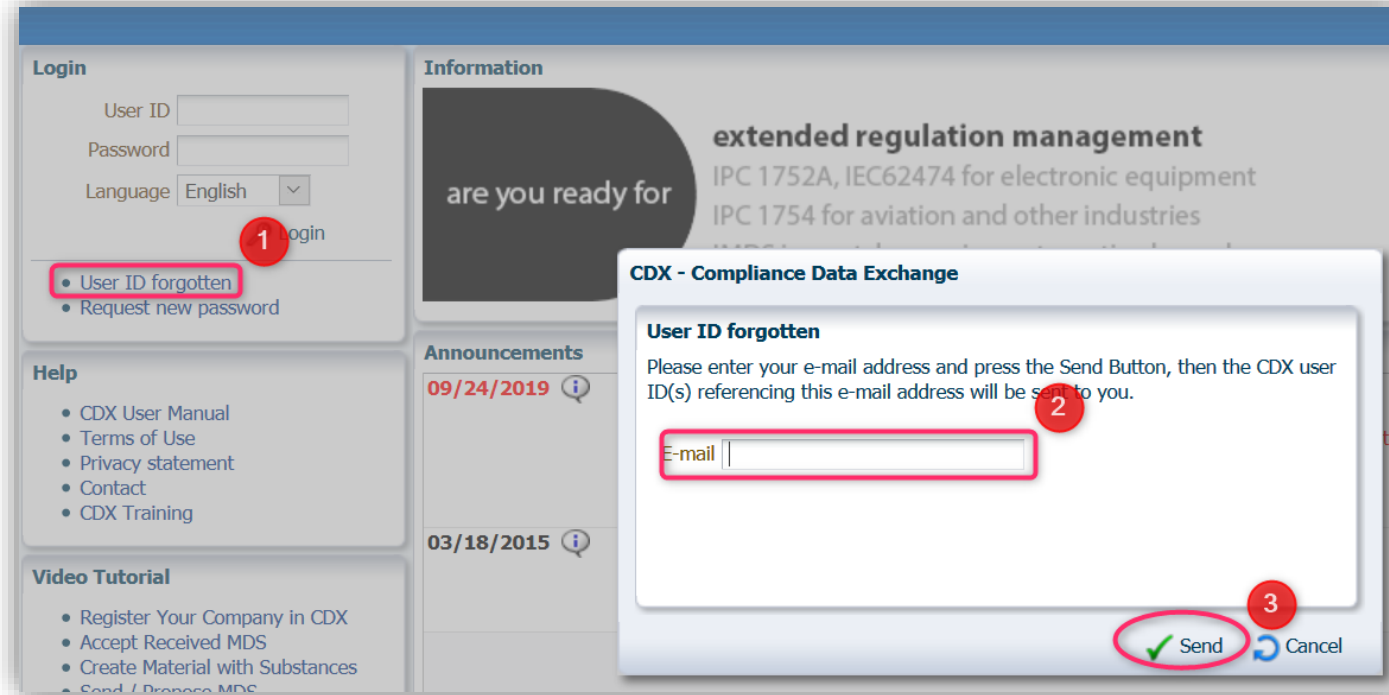
## How to register?



1. Registration in SupplyOn is the precondition of CDX registration. CDX is set up as an eService in SupplyOn.  
*For SupplyOn registration pls contact your supplier mentor @Bosch PT*
2. Registration of CDX needs to be jointly done by Bosch and supplier, please contact your Supplier Quality Mentor in Bosch PT to trigger the registration process.
3. Registration and using the eService CDX is free of charge.

# Log-in and user administration

## User ID forgotten?

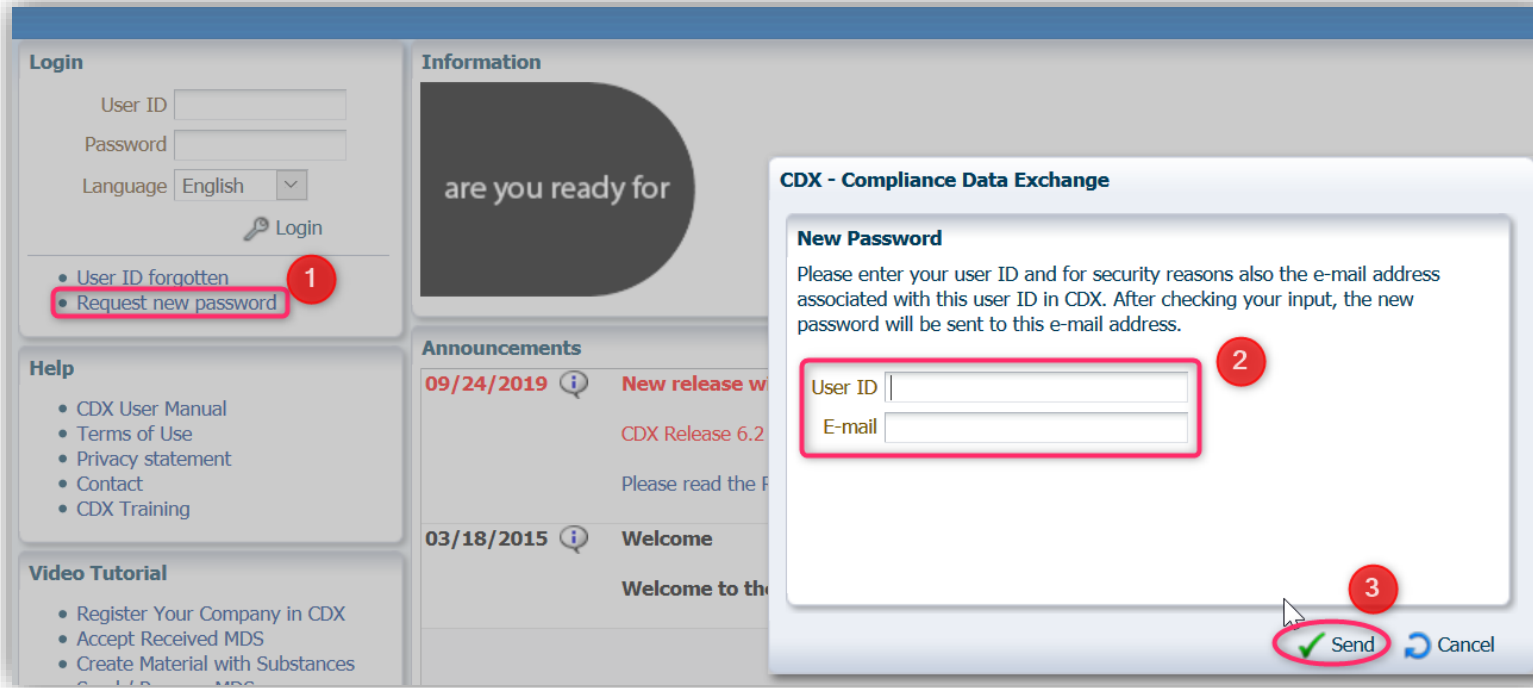


1. Click “User ID forgotten”.
2. Input your email which was used for your User ID registration.
3. Send your application and you will receive an email from CDX-service. Follow the instruction in this email to get back your user ID.
4. If it still doesn't work by this method, please contact CDX-service for support: [cdx-servicedesk@dx.com](mailto:cdx-servicedesk@dx.com)



# Log-in and user administration

## How to request new password?



### Attention

- Your User ID is expired? You have to active it by your company administrator.
- User ID of your company administrator also expired? Contact CDX service for support:

[cdx-servicedesk@dxc.com](mailto:cdx-servicedesk@dxc.com)

1. Click “Request new password”.
2. Input your user ID and email address which were used for registration.
3. Click “Send”. You will receive an email from CDX-service. Follow the instruction in this email.

# Log-in and user administration

## Company Administration Function (1)

### 1. Create new User ID (1)

The screenshot shows the CDX Administration web interface. The 'Administration' menu is open, and the 'User' option is selected. The 'Create user' button is highlighted. The interface includes a search bar, a company information section, and a user creation form with fields for Name (Last name, First name, E-mail Address), active status, and Responsibility (MDS Contact, Compliance Contact, CMD Contact). A table at the bottom lists user details with columns for Authorization profile, Telephone No., E-mail Address, Valid until, Valid as of, Last Login Date, Contact person, Compliance Contact, and CMD Co.

1. Click “Administration”
2. Choose and click “User”
3. Click “Create user”

# Log-in and user administration

## Company Administration Function (2)

### 1. Create new User ID (2)

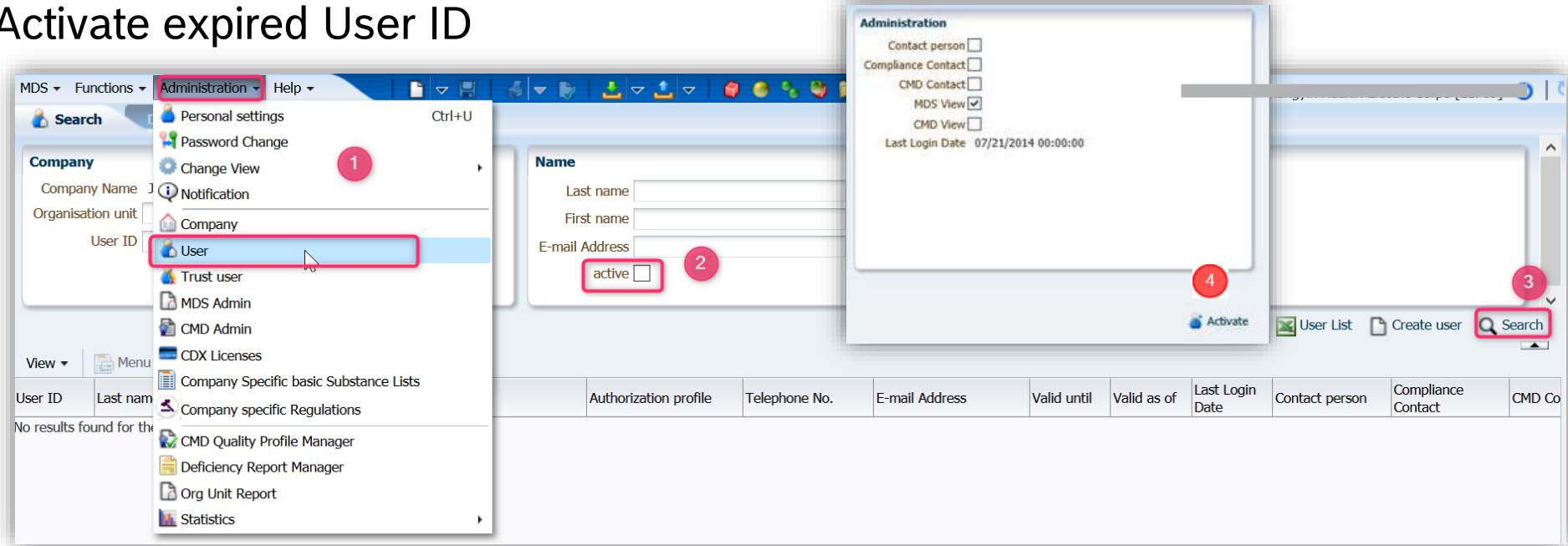
4. Input user name.
5. Choose authorization of the user. Options: Company Administration, Read-Only, Standard User.
6. Input contact info.
7. Choose validity date. Once account is expired you have to re-activate it.

8. If you activate contact person and compliance contact this user-ID will receive specific notifications from CDX.
9. Activate “MDS view” (for N2580 substance declaration).
10. Save it.

# Log-in and user administration

## Company Administration Function (3)

### 2. Activate expired User ID

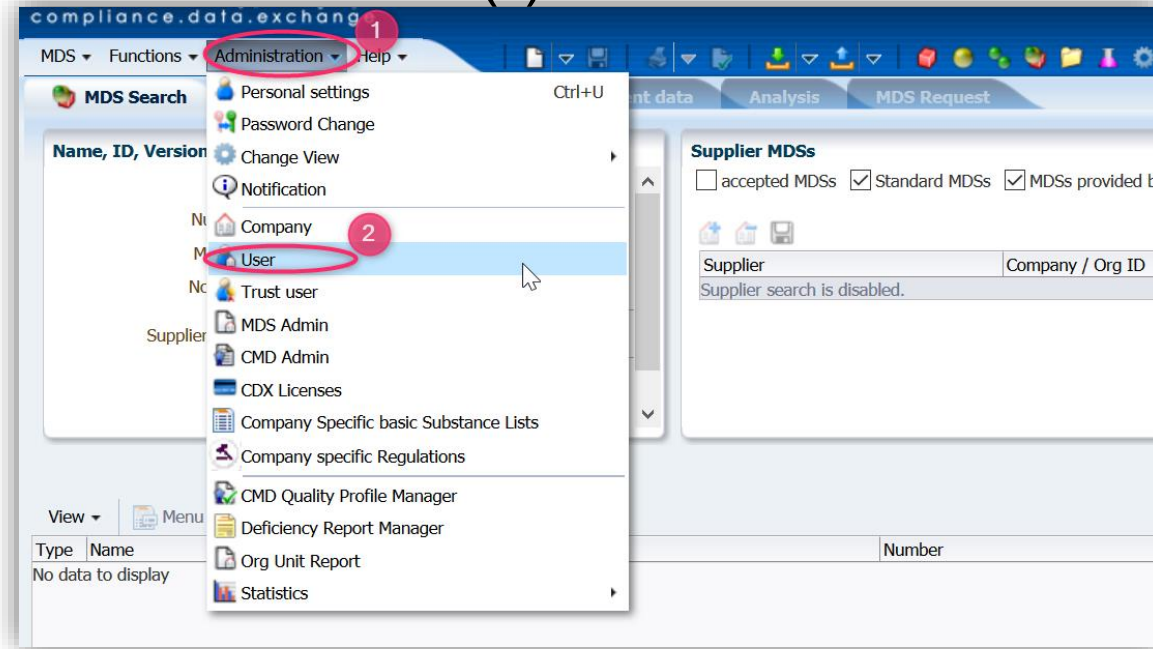


1. Click “Administration” → “User”
2. Deactivate the box “active” → you will only search for inactive user IDs
3. Click “Search” and find inactive User-ID
4. Double click on the inactive User-ID and activate it

# Log-in and user administration

## Company Administration Function (4)

### 3. Extend validity period for an active user (1)



1. Click “Administration” menu
2. Click “User”

# Log-in and user administration

## Company Administration Function (5)

### 3. Extend validity period for an active user (2)

MDS ▾ Functions ▾ Administration ▾ Help ▾

Search Details

**Company**  
Company Name   
Organisation unit   
User ID

**Name**  
Last name   
First name   
E-mail Address   
active  3

**Responsibility**  
MDS Contact   
Compliance Contact   
CMD Contact

User List Create user Search 4

View ▾ Menu Export

User ID	Last name	First name 5	Organisation unit	Authorization profile	Telephone No.	E-mail Address	Valid until	Valid as of	Last Login Date	Contact person	Compliance Contact	CMD
				Company Administrator			12/11/2020	12/11/2017	12/25/2019	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Check the box “active”. If your user ID is inactive, you need to follow the instruction [“Activate expired User ID”](#)

4. Search and find the user ID for extending the active validity period.

5. Double click on row of user ID.

# Log-in and user administration

## Company Administration Function (6)

### 3. Extend validity period for an active user (3)

compliance.data.exchange

MDS ▾ Functions ▾ Administration ▾ Help ▾

Search Details

**Company**

User ID

Company ID

Company

Organisation unit [Modify](#)

**User data**

Last name

First name

Authorization profile

Telephone No.

Fax No.

Title

E-mail Address

Valid as of

Valid until

December 2020

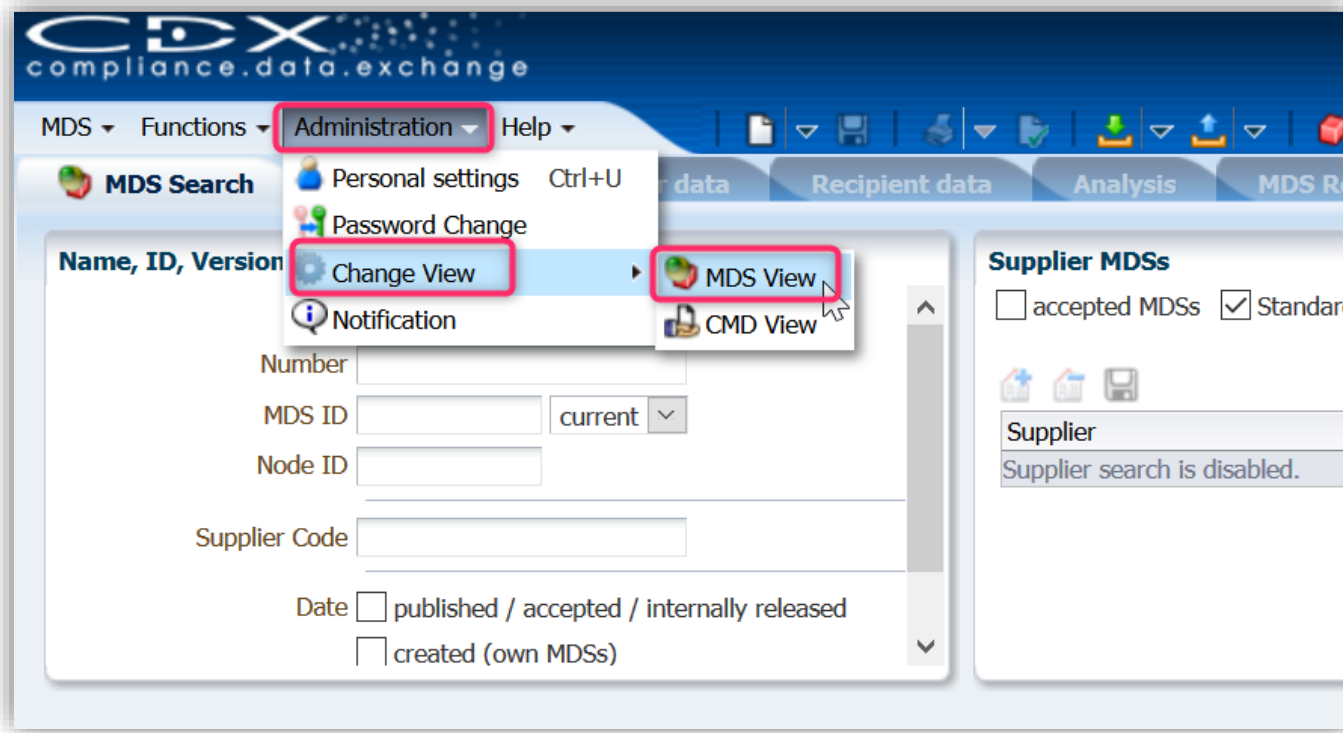
SUN	MON	TUE	WED	THU	FRI	SAT
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2

6. Rest “Valid until” date

7. Save it.

# Log-in and user administration

## How to set “MDS view”?



When you log in to answer a “Material Data Sheet (MDS) request” by Bosch Power Tools make sure the system is set to MDS view!



# Log-in and user administration

## Important hints

- ▶ Every user ID has a validity date. When the administrator creates new user IDs, the default validity period is 1 year. The company administrator can set validity period to 90 days, 180 days, 365 days and 730 days.
- ▶ Your user ID will be inactivated in case of:
  - Exceeding the validity date
  - No successful log-in during the past 12 months.

In both cases CDX-system will send you a reminder in advance. Please log-in to CDX-system or your company administrator should extend the validity period of your account.

- ▶ You may fail to re-activate your account due to:
  - Input of wrong email address
  - User ID is expired
  - No successful log-in after password change
- ▶ If your company administrator user IDs are expired, get in contact with CDX-Service to re-activate

**Contact :** [cdx-servicedesk@dx.com](mailto:cdx-servicedesk@dx.com)

# 3. CDX MATERIAL DECLARATION FOR BOSCH POWER TOOLS

# Content – CDX Material Declaration and Demos

- [DEMO 1 - Substances are Non-Detected](#)
- [DEMO 2 - Substances are Detected, lower than the limit](#)
- [DEMO 3 - Substances are Detected, exemption is allowed](#)
- [DEMO 4 - Family Declaration](#)
- [Demo-5 - Assign a copied MDS to a new request](#)
- [Demo-6 - Change rejected MDS and resend](#)

# DEMO-1

SUBSTANCES ARE NON-  
DETECTED

(ONE LEVEL DECLARATION)

# Demo-1: Substances are Non-Detected

## Case description

- ▶ Supplier must declare materials in CDX for a part (P/N 9638527412) (acc. to Bosch-N2580).
- ▶ Supplier tested this part acc. to Bosch-PT requirement or no test is required.
- ▶ Test report result: no regulated substance was detected (ND).
- ▶ “Material Data Sheet Request” in CDX is created by Bosch Material Data Service (BMDS).



In case there is any substance detected with certain value in the test report, you have to declare it in CDX under related regulations → Demo-2

**Test report**

测试项目	限值	单位	MDL	007
镉(Cd)	100	mg/kg	10	ND
铅(Pb)	1000	mg/kg	10	ND
汞(Hg)	1000	mg/kg	10	ND
六价铬(Cr(VI))▼	-	µg/cm²	0.10	ND
多溴联苯(PBBs)之和	1000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND
三溴二苯醚	-	mg/kg	5	ND

# Demo-1: Substances are Non-Detected

## 1. E-Mail notification from BMDS



Mi 01.07.2020 10:59

Bosch Material Data Service (SO/OPM8.2-Tim)  
PT123 - Request for Supplier Declaration

An [REDACTED]

Aktionselemente

Dear Supplier,

I am writing you on behalf of BMDS (Bosch Material Data Service), which supports the purchasing department of the Power Tools (PT) division regarding supplier declarations. We have sent you a request via CDX for the following part numbers. These part numbers contain raw materials that have an elevated risk of being hazardous to human health and/or the environment, and therefore an elevated risk of not complying with the Bosch standard N2580.

In order to receive approval, we require a test report from a certified laboratory containing the measured values for the chemical testing marked below. A technical data sheet with theoretical values (TDS / SDS) cannot be substituted for a test report and will not be accepted. This test report will verify the compliance that you certify in the supplier declaration form. Please submit samples to the laboratory to conduct the tests marked in the chart below:

Bosch Part Number	Raw Material (choose from drop down)	Plasticizers DIN EN ISO 14389:2014	PAH AFPS-GS-2019:01PAK	Heavy Metals RoHS-Method	SCCP n/a	Tests for Textile (based on Oekotex 100)
1.234.567.890	PVC plastic	X	X	X	X	
	Soft plastic (Elastomere, TPE, etc.)	X	X	X	X	



Test reports or any other document need to be attached to the CDX Material Data Sheet and not sent back via E-Mail.

You will receive a notification email from BMDS, including:

- The part number to be declared
- If relevant: Requirements concerning test reports
- Contact of CDX etc.

# Demo-1: Substances are Non-Detected

## 2. Receipt of Material Data Sheet (MDS) Request

Tue 6/23/2020 2:13 PM  
cdx-mailer@cdxsystem.com  
Material Data Sheet (MDS) Request received from PT - Power Tools (335) (Name:Demo-1 Lamination) (CDX Modeloffice 2)

To [REDACTED]

**Action Items**

A Request for the Material Data Sheet (MDS) "Demo-1 Lamination" due on 07/02/2020 has been sent by PT - Power Tools (335) to Bosch Supplier Company (271).

**Recipient specific data**

Request ID	10776
Name:	Demo-1 Lamination
Part/Item No.:	9638527412
Supplier Part/Item No.:	-
Drawing No.:	-
Drawing dated:	-
Drawing Change Level:	-
Purchase Order No.:	-
Bill of Delivery No.:	-
Report No.:	-
Date of Report:	-
Comment:	Dear supplier, you were requested to declare according to Bosch N2580 via CDX system. Please fill in the required fields and attach test reports if requested. For further questions, please get in contact with us.

Yours sincerely  
Bosch Material Data Service  
[BMDS.postbox@de.bosch.com](mailto:BMDS.postbox@de.bosch.com)

You can directly open the request **10776** after logging on to CDX using this link.

As an alternative you can manually navigate through CDX as described here:  
Once you have logged in [CDX](#), please select the InBox  from the Toolbar (or use the menu Functions InBox). Select MDS Request. In the resulting screen, click Search  (on the right) to locate the client request.

- You will receive an email from CDX system (cdx-mailer@cdxsystem.com) about a new material declaration (MDS) request.
- Open CDX by clicking on the Request ID in the email or by searching the Request ID in CDX.
- [Log-in to CDX-system](#) is always needed.

# Demo-1: Substances are Non-Detected

## 3. Start declaration

MDS Functions Administration Help

Received MDS Requests Ingredients Supplier data Recipient MDS MDS Request

1 MDS Request

2 Request ID 10776

Type

Date / Status

Deadline date from to

open requests  Overdue

attached

received

awaiting acceptance

completed

rejected

Recipient / Requester

Enable search by company

Requester Company / Org ID

Requester search is disabled.

Recipient

Supplier Code

MDS

Assigned MDS

Name

Number

3 Search

4

Request ID	Type	Project	Deadline date	Status	Requester	Number	Name	Supplier Code
10776		Demo for suppliers	07/02/2020	received	PT - Power Tools	9638527412	Demo-1 Lamination	

1. Click “Inbox ” → select “MDS Request”



Make sure that the system is set to “MDS view”

2. Input request ID you got from notification email or let it blank (the system will display the recent 500 records).

3. Search and find the request ID you plan to declare.

4. Double click on the row of the Request ID. You will be redirected to the page to create a MDS (Material Data Sheet).



# Demo-1: Substances are Non-Detected

## 4. Create MDS

**MDS Request**

Request ID 9776 Request Group ID -  
Status received  
Deadline date 07/02/2020

Supplier [Redacted]

Requester Company Bosch Group [Redacted]  
Requester Organisation unit PT - Power Tools [Redacted]  
Requester MDS Contact Bosch, Material Data Service

Project dldProj Demo for suppliers

**Comment**

Dear supplier, you were requested to declare according to Bosch N2580 via CDX system. Please fill in the required fields and attach test reports if requested. For further questions, please get in contact with us.

Yours sincerely  
Bosch Material Data Service  
BMDS.postbox@de.bosch.com

**Details about the MDS request can be found here.**

**Attachment**

Filename	Document Type	Information	Upload Date
No files attached to this MDS Request			

**Recipient data**

Supplier Code Company Supplier Codes  
No Supplier Codes  
Admin Supplier Codes  
0000043412  
0000000171  
000000536

Part material name Demo1-Lamination  
Part/Item No. [Redacted]  
Supplier Part/Item No. [Redacted]

Forwarding allowed

Drawing No. [Redacted]  
Drawing dated [Redacted]  
Drawing Change Level [Redacted]

Purchase Order No. [Redacted]  
Bill of Delivery No. [Redacted]

Report No. [Redacted]  
Date of Report [Redacted]

**MDS**

Type Component

100% declaration   
Attachment required

Measured Weight per Item   
Parts Marking

Specific weight

Symbol   
Standard Material No.

Basic Substance group/list [Redacted]

**Regulation**

Confirmation required   
Product Not Affected allowed

**Common**

- \_MS TGBAT
- EU POP Regulation Test
- Biocide Product Regulation
- REACH Candidate List
- RoHS

**Company specific**

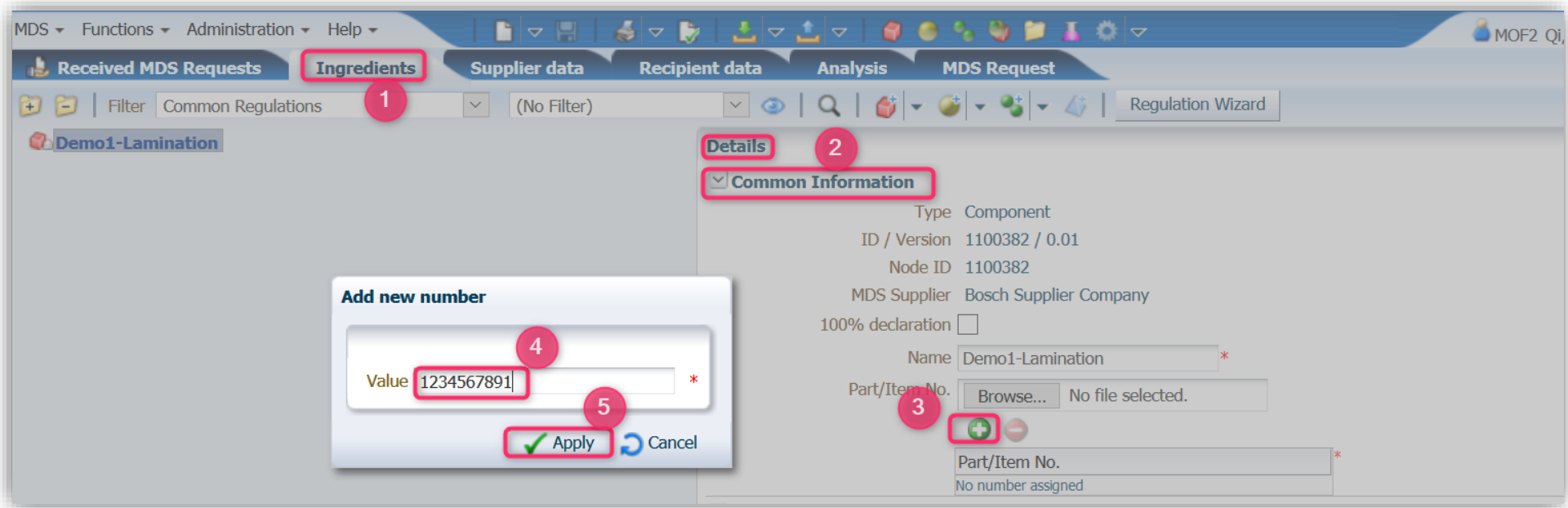
- Bosch Diverse
- Bosch PAH
- Bosch Plasticizers
- Bosch Manufacturing Materials
- Bosch Cooling Lubricants

Reject Assign MDS **Create MDS**

## 5. Click "Create MDS"

# Demo-1: Substances are Non-Detected

## 5. Input internal part number (optional)



1. Go to tab “Ingredients” → “Details”
2. Expand “Common Information”
3. Click “add” icon
4. Input part number
5. Click “Apply”



With the Bosch MDS request, the respective Bosch part numbers to be declared, will be sent to you (tab “Recipient data”).  
If you want to add your own numbers, you can do this in the “Ingredients” tab.

# Demo-1: Substances are Non-Detected

## 6. Input part weight

MDS ▾ Functions ▾ Administration ▾ Help ▾

Received MDS Requests | **Ingredients \*** | Supplier data | Recipient data | Analysis | MDS Request

Filter: Common Regulations (No Filter) | Regulation Wizard

**Demo1-Lamination**

**Details**

- > Common Information \*
- > Dates
- > Query Lists
- > Product Business Info
- > Amounts and Weights**

Measured weight per item: 100.0 g

Tolerance +/-: 10 %

Calculated weight per item: -

Deviation: -

1. Input part weight
2. Input tolerance of the weight

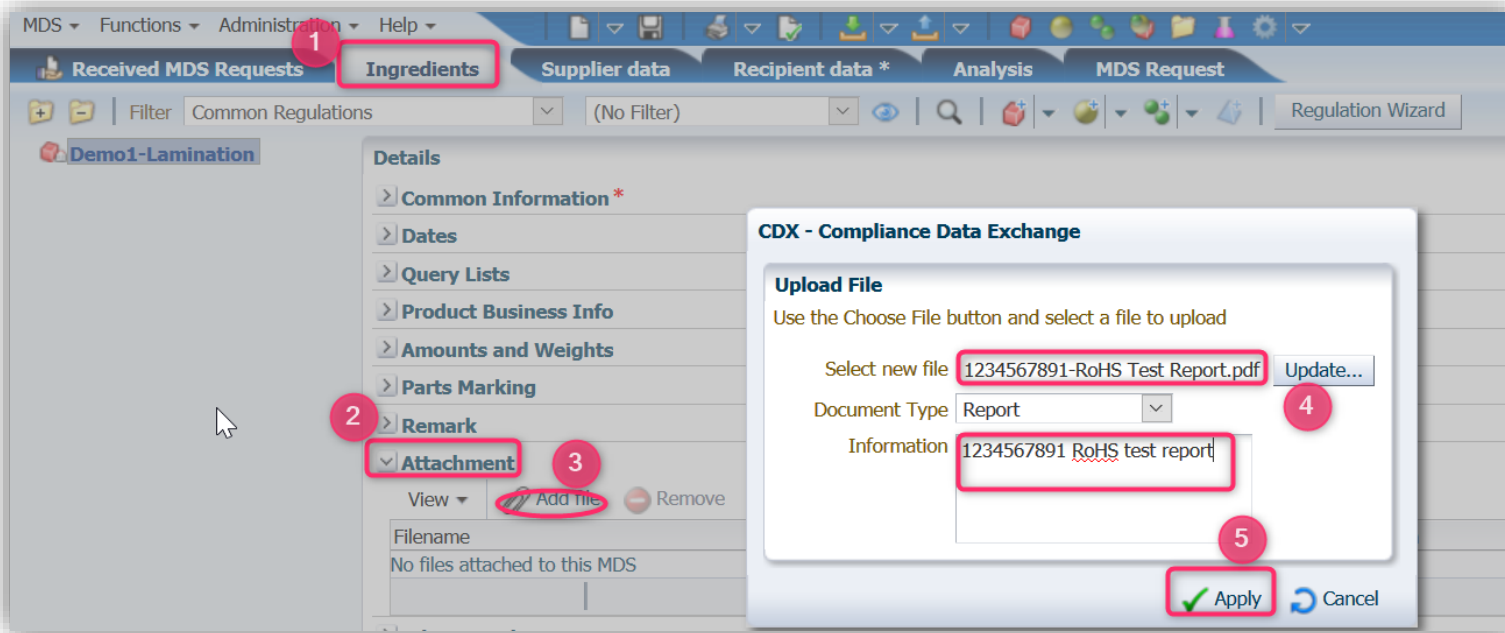


In case you don't know the part weight and its tolerance, it will not impact the final compliance result (partial declaration).

However try to input figures as accurate as possible.

# Demo-1: Substances are Non-Detected

## 7. Upload test report or any other attachment



In case attachments are available → upload is required  
E.g.

- Test reports
- Technical data sheets
- General declaration

1. Tab “Ingredients”
2. Expand “Attachment”
3. Click “Add file”
4. Select related test and input proper remark.
5. Click “Apply”

# Demo-1: Substances are Non-Detected

## 8. Confirm regulations

Details

- Common Information \*
- Dates
- Query Lists
- Product Business Info
- Amounts and Weights
- Parts Marking
- Remark
- Attachment
- Where used
- Regulations** 1

Complete Overview

- Scope: own company
- Scope: Recipients
- Confirmation** 2

Regulation	Regulation complied?	Relevant data provided?
California Proposit...	Yes	Yes
REACH Annex XIV	Yes	Yes
REACH Annex XVII	Yes	Yes
REACH Candidate ...	Yes	Yes
RoHS	Yes	Yes



### How to confirm regulations?

- Legal regulations according to Bosch-Norm N2580 are displayed
- Regulation complied?
  - ✓ “Product Not Affected” is not allowed
  - ✓ Choose “yes” if the part is compliant
- Relevant data provided?
  - ✓ Choose “yes” in all cases:
    - ✓ no substance needed to be declared or concentration value is non-detected
    - ✓ Any concentration value of substances are declared under regulations.
- In case of a one-level declaration an attachment is optional but recommended (e.g. test report, general letter,...)

1. Expand “Regulations”
2. Expand “Confirmation”.
3. Choose proper options for “Regulation complied?” and “Relevant data provided?”

# Demo-1: Substances are Non-Detected

## 9. Confirm Bosch - PT specific requirements

MDS Search | Ingredients \* | Supplier data | **Recipient data** | Analysis | MDS Request

Name Demo-1 Lamination ID / Version 1108692 / 0.01 Node ID 1108692 Status Edit mode

Forwarding allowed  MDS Revision

> Drawing  
> Purchase Order  
> Report  
**> Company specific**

Confirmation

Regulation	Regulation complied?	Relevant data provided?
Bosch PT	Yes	Yes

PAH	Bosch requirements:			Legal Requirements:	
	Bosch PT worldwide N2580 requirement Reference: AIPS GS 2019:01 PAK	Concessions for user interface parts (e.g. buttons, grips, switches, ...)	Bosch PT Concessions tolerance for all other parts (Internal or external):	REACH - User interface parts Reference: Appendix XVII EC/1907/2006, Pos. 50.	REACH Candidate List <sup>1.)</sup>
Benzo[a]pyrene	< 0.5	Not possible by any means.	0.5 - 1.0	< 1.0	< 1000
Benzo[e]pyrene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[a]anthracene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Benzo[b]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[k]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[a]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Chrysene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Dibenzo[a,h]anthracene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[ghi]perylene	< 0.5		0.5 - 1.0	--	< 1000
Indeno[1,2,3-cd]pyrene	< 0.5		0.5 - 1.0	--	--
Naphthalene	< 2		< 10.0	--	--
Phenanthrene	Sum of the 4 PAH < 10		Sum of the 4 PAH < 50	--	< 1000
Pyrene				--	< 1000
Anthracene				--	--
Fluoranthene				--	< 1000
Sum of the 15 PAH	< 10	10.00 - 50.00	--	--	

1.) Material with a PAH value higher than 1000PPM have to be communicated in the Supply Chain according to REACH all values are in ppm (mg/kg)

Version: 11.10.2019 released by PT/PUO & N2580 PT Steering Committee



Even if no substance was detected or nothing is to be declare. Please choose “yes” for “relevant data provided?”.

In case of a one-level declaration an attachment is helpful (e.g. test report, general letter,...)

Bosch-PT has stricter PAHs requirements. Requirement may update from time to time, pls check the latest requirement via:

[https://assets.bosch.com/media/global/bosch\\_group/purchasing\\_and\\_logistics/information\\_for\\_business\\_partners/downloads/quality\\_docs/specific\\_regulations/pt-specific-declaration-of-regulated-substances.xlsx](https://assets.bosch.com/media/global/bosch_group/purchasing_and_logistics/information_for_business_partners/downloads/quality_docs/specific_regulations/pt-specific-declaration-of-regulated-substances.xlsx)

1. Go to tab “Recipient data”
2. Expand “Company specific”
3. Confirm whether your part is compliant with PT requirement.

# Demo-1: Substances are Non-Detected

## 10. Save and check

compliance.data.exchange

MDS ▾ Functions ▾ Administration ▾ Help ▾

Received MDS Requests Ingredients **Supplier data** Recipient data Analysis MDS Request

Name Demo1-Lamination ID / Version 1100382 / 0.01 Node ID 1100382 Status Edit mode

Release internally Send Propose

**Bosch Group (PT - Power Tools) [335] edit mode (10/18/2019)**

**Details**

Transfer Information

Company Bosch Group [191]  
Organisation unit PT - Power Tools [335]  
Recipient status edit mode  
Name Demo1-Lamination

Company Supplier Codes  
271

**Check results - 0 Error(s) / 0 Information**

No.	Type	Tab	Node / Recipient	Message
The MDS successfully passed all checks.				

1. Click “Save” icon. Recommendation: save your input after finishing each main step.
2. Click “Check” icon to perform check before you submit your MDS.
3. There will be an information about check results, for those item with “Error” information you must correct it before submitting.

# Demo-1: Substances are Non-Detected

## 11. Submit MDS

MDS ▾ Functions ▾ Administration ▾ Help ▾

Received MDS Requests | **Ingredients** | Supplier data | **Recipient data** | Analysis | MDS Request

Name Demo1-Lamination ID / Version 1100382 / 0.01 Node ID 1100382 Status Edit mode

Release internally | **Send** | Propose

**Bosch Group (PT - Power Tools) [335] edit mode (10/18/2019)**

**Details**

**Transfer Information**

Company Bosch Group [191]  
Organisation unit PT - Power Tools [335]  
Recipient status edit mode  
Name Demo1-Lamination

Company Supplier Codes  
271

**Check results - 0 Error(s) / 0 Information**

No.	Type	Tab	Node / Recipient	Message
The MDS successfully passed all checks.				

- Click “Send” Icon to submit your MDS.
- You are not able to edit the MDS after transmission
- In case of a rejection by BMDS, you will receive a notification and will be asked for modification of the MDS



# Demo-1: Substances are Non-Detected

## 12. Check approval status

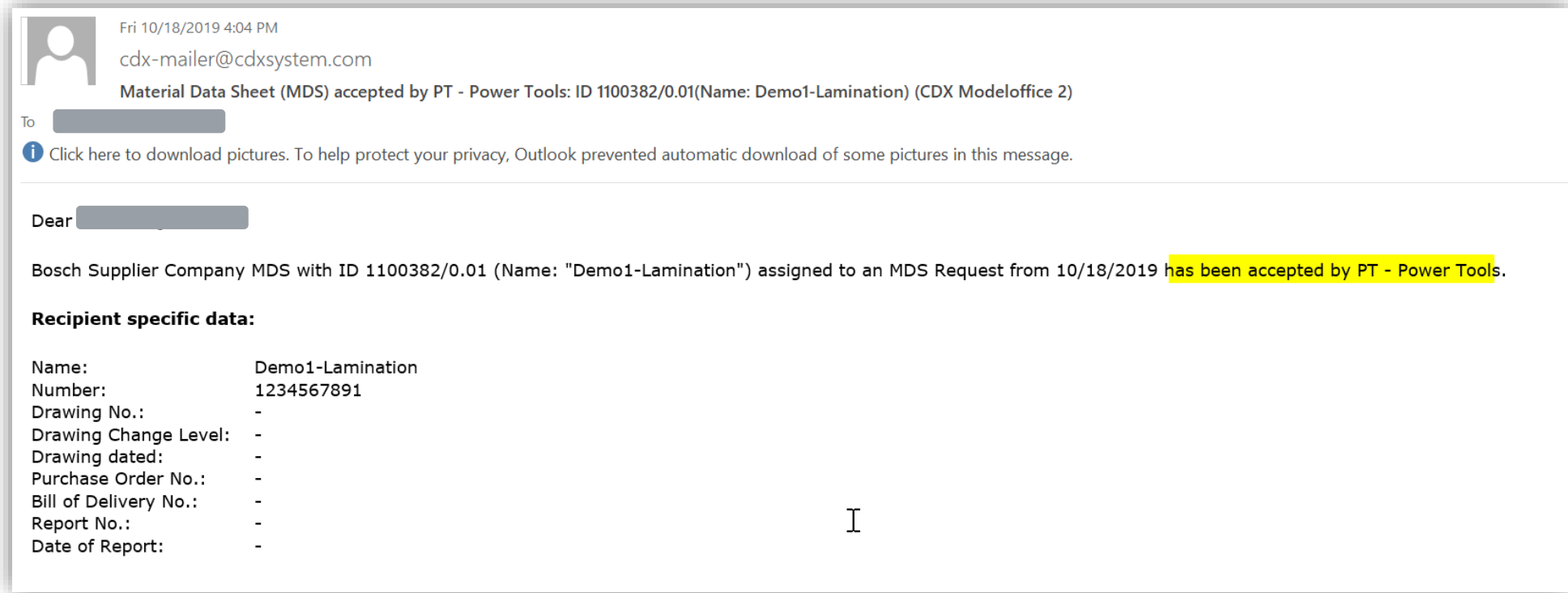
The screenshot shows the MDS software interface. The top menu bar includes 'MDS', 'Functions', 'Administration', and 'Help'. The 'MDS' menu is open, showing 'MDS' and 'MDS Request'. The main area has tabs for 'Sent MDSs', 'Ingredients', 'Supplier data', and 'Recipient data'. The 'Status' section shows filters for 'Combined' (all, open MDSs, none) and 'Single' (not yet browsed, browsed, accepted, rejected, modified, cancelled by sender, only forwarded). The 'Recipient / Supplier' section has a search button and a table with columns for Recipient and Company / Org ID. The table below has columns for Type, Name, ID / Version, Node ID, Internal number, transmitted, to comp. (Org Unit) [Company ID], External number, Status, last status changed, and Reason for denial. The first row is highlighted in red.

Type	Name	ID / Version	Node ID	Internal number	transmitted	to comp. (Org Unit) [Company ID]	External number	Status	last status changed	Reason for denial
	Demo1-Lamination	1100382 / 0.01	1100382	1234567891	10/18/2019	Bosch Group (PT - Power Tools) [335]	1234567891	not yet browsed	10/18/2019	
	plastic components	1100380 / 0.01	1100380	1 [...]	10/18/2019	Bosch Group (PT - Power Tools) [335]	1 [...]	browsed	10/18/2019	
	CERAMIC CAPACITOR 470,0E-00 PF-100V	1100371 / 1	1100371		10/15/2019	Bosch Group (PT - Power Tools) [335]	8902212581	accepted	10/15/2019	

1. Click “Outbox” icon → choose “MDS”
2. Click “Search” to find the MDS you have submitted
3. In this case you can see the status is “not yet browsed”, means it is not yet opened by BMDS for reviewing and checking.

# Demo-1: Substances are Non-Detected

## 13. Receive approval notification



- Once your MDS is approved by Bosch you will receive an email from CDX system.
- If it is rejected you also will receive the notification email from CDX.

# DEMO-2

SUBSTANCES ARE DETECTED,  
LOWER THAN THE LIMIT  
(PARTIAL DECLARATION)

# Demo-2: Substances are detected, lower than the limit

## Case description

- ▶ Supplier must do a material declaration for a new part rubber O-ring 1234567892 in CDX.
- ▶ Supplier has performed tests acc. to PT requirement.
- ▶ Test report result: Content of Naphthalene is 0.5ppm, lower than the limit. Other related substances are non-detected(ND).
- ▶ Bosch Material Data Service has created a Material Declaration Sheet (MDS) Request for this case.



In case there is any substance detected with certain value in the test report, you have to declare it in CDX under related regulations.

Test Report	No. SHAEC1810203602	Date: 19 May 2018	Page 4 of 9
<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Benzo(b)fluoranthene(BbF)	mg/kg	0.1	ND
Benzo(j)fluoranthene(BjF)	mg/kg	0.1	ND
Benzo(k)fluoranthene(BkF)	mg/kg	0.1	ND
Chrysene(CHR)	mg/kg	0.1	ND
Dibenzo(a,h)anthracene(DBA)	mg/kg	0.1	ND
Benzo(g,h,i)perylene(BPE)	mg/kg	0.1	ND
Indeno(1,2,3-c,d)pyrene(IPY)	mg/kg	0.1	ND
Acenaphthylene(ANY)	mg/kg	0.1	ND
Acenaphthene(ANA)	mg/kg	0.1	ND
Fluorene(FLU)	mg/kg	0.1	ND
Phenanthrene(PHE)	mg/kg	0.1	ND
Pyrene(PYR)	mg/kg	0.1	ND
Anthracene(ANT)	mg/kg	0.1	ND
Fluoranthene(FLT)	mg/kg	0.1	ND
Sum of Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Pyrene, Anthracene, Fluoranthene	mg/kg	-	ND
Naphthalene(NAP)	mg/kg	0.1	0.5
Sum of 18 PAHs	mg/kg	-	0.5

# Demo-2: Substances are detected, lower than the limit

## 1. E-Mail notification from BMDS



Mi 01.07.2020 10:59

Bosch Material Data Service (SO/OPM8.2-Tim)  
PT123 - Request for Supplier Declaration

An [REDACTED]

Aktionselemente

Dear Supplier,

I am writing you on behalf of BMDS (Bosch Material Data Service), which supports the purchasing department of the Power Tools (PT) division regarding supplier declarations. We have sent you a request via CDX for the following part numbers. These part numbers contain raw materials that have an elevated risk of being hazardous to human health and/or the environment, and therefore an elevated risk of not complying with the Bosch standard N2580.

In order to receive approval, we require a test report from a certified laboratory containing the measured values for the chemical testing marked below. A technical data sheet with theoretical values (TDS / SDS) cannot be substituted for a test report and will not be accepted. This test report will verify the compliance that you certify in the supplier declaration form. Please submit samples to the laboratory to conduct the tests marked in the chart below:

Bosch Part Number	Raw Material (choose from drop down)	Plasticizers DIN EN ISO 14389:2014	PAH AFPS-GS-2019:01PAK	Heavy Metals RoHS-Method	SCCP n/a	Tests for Textile (based on Oekotex 100)
1.234.567.890	PVC plastic	X	X	X	X	
	Soft plastic (Elastomere, TPE, etc.)	X	X	X	X	

You will receive a notification email from BMDS, including:

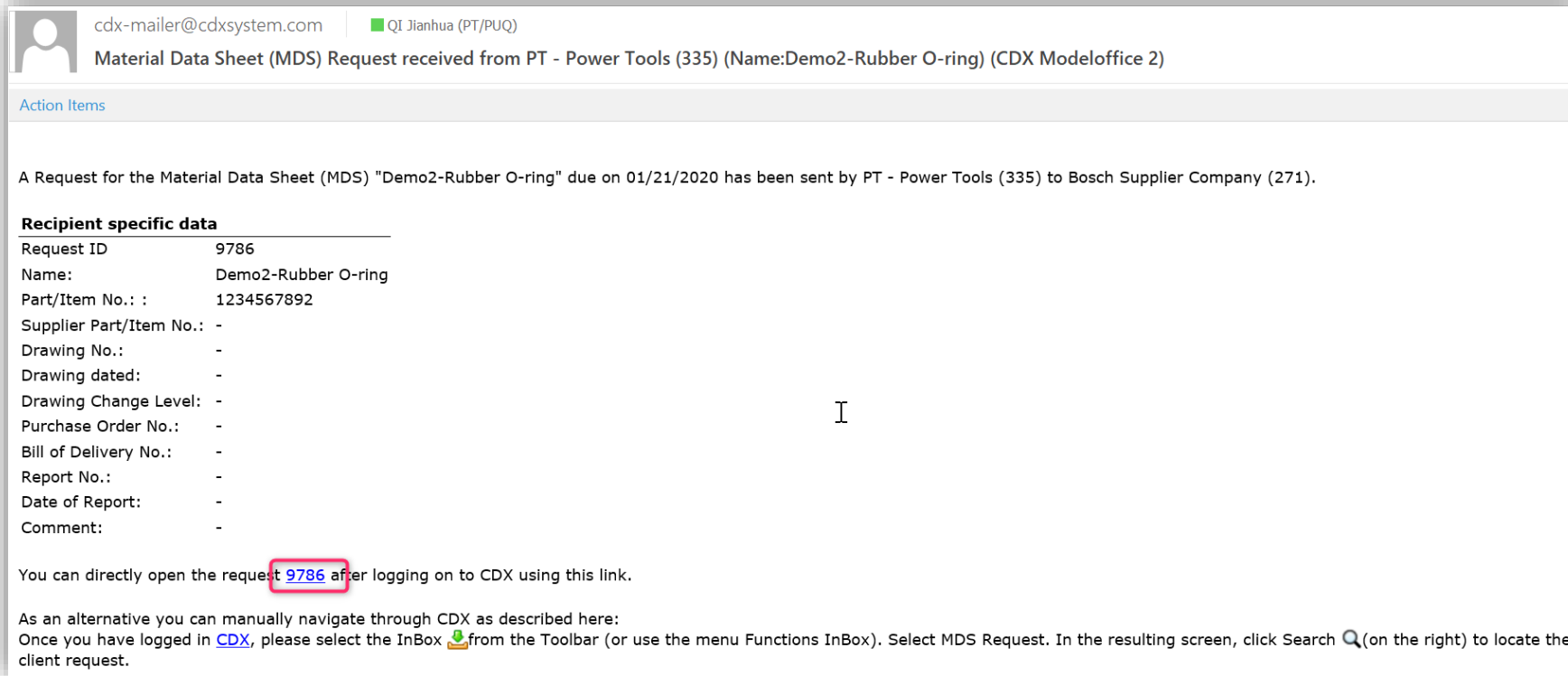
- The part number to be declared
- If relevant: Requirements concerning test reports
- Contact of CDX etc.



Test reports and any other documentation need to be attached to the CDX Material Data Sheet and not sent back via E-Mail.

# Demo-2: Substances are detected, lower than the limit

## 2. Receipt of Material Data Sheet (MDS) Request



cdx-mailer@cdxsystem.com | QI Jianhua (PT/PUQ)

Material Data Sheet (MDS) Request received from PT - Power Tools (335) (Name:Demo2-Rubber O-ring) (CDX Modeloffice 2)



Action Items

A Request for the Material Data Sheet (MDS) "Demo2-Rubber O-ring" due on 01/21/2020 has been sent by PT - Power Tools (335) to Bosch Supplier Company (271).

**Recipient specific data**

Request ID	9786
Name:	Demo2-Rubber O-ring
Part/Item No.:	1234567892
Supplier Part/Item No.:	-
Drawing No.:	-
Drawing dated:	-
Drawing Change Level:	-
Purchase Order No.:	-
Bill of Delivery No.:	-
Report No.:	-
Date of Report:	-
Comment:	-

You can directly open the request **9786** after logging on to CDX using this link.

As an alternative you can manually navigate through CDX as described here:  
Once you have logged in [CDX](#), please select the InBox  from the Toolbar (or use the menu Functions InBox). Select MDS Request. In the resulting screen, click Search  (on the right) to locate the client request.

- You will receive an email from CDX system (cdx-mailer@cdxsystem.com) about a new material declaration (MDS) request.
- Open CDX by clicking on the Request ID in the email or by searching the Request ID in CDX.
- [Log-in to CDX-system](#) is always needed.

# Demo-2: Substances are detected, lower than the limit


## 3. Start declaration

The screenshot shows the MDS software interface with the following elements:

- Navigation menu: MDS, Functions, Administration, Help.
- Search bar: MOF2 Qi, J, Bosch Supplier Company [271].
- Buttons: Received MDS Requests, Ingredients, Supplier data, MDS Request (highlighted with a red circle and '1').
- Form fields: Request ID (highlighted with a red box and '2'), Type, Date / Status (Deadline date, from, to), Recipient / Requester (Requester, Company / Org ID, Recipient, Supplier Code), MDS (Assigned MDS, Name, Number).
- Table of MDS requests:

Request ID	Type	Project	Deadline date	Status	Requester	Number	Name	Supplier Code
9786		Demo for suppliers trai...	01/21/2020	received	PT - Power Tools	1234567892	Demo2-Rubber O-ring	
9775			01/18/2020	awaiting acce...	PT - Power Tools	1 [...]	plastic components	

1. Click “Inbox ” → select “MDS Request”

 Make sure that the system is set to “MDS view”

2. Input request ID you got from notification email or let it blank (the system will display the recent 500 records).

3. Search and find the request ID you plan to declare.

4. Double click on the row of the Request ID. You will be redirected to the page to create a MDS (Material Data Sheet).

# Demo-2: Substances are detected, lower than the limit

## 4. Create MDS

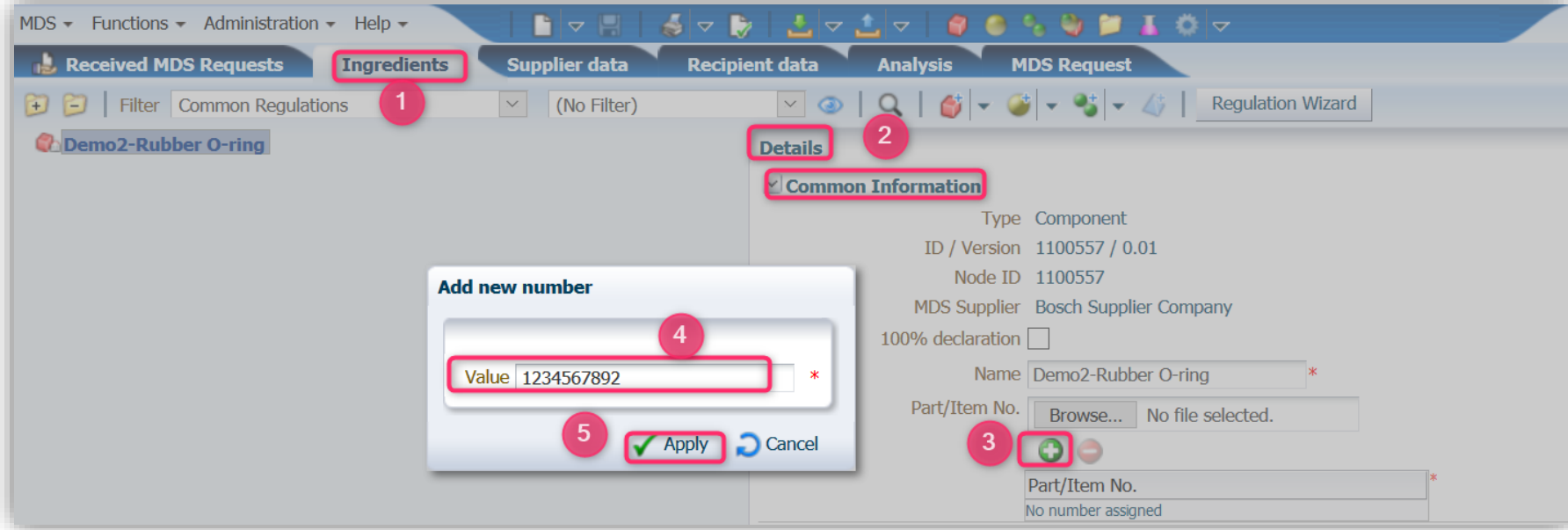
The screenshot displays the Bosch MDS Request interface. The top navigation bar includes 'Received MDS Requests', 'Ingredients', 'Supplier data', 'Recipient data', 'Analysis', and 'MDS Request'. The 'MDS Request' panel shows details for Request ID 10777, Status 'received', and Deadline date 07/02/2020. The 'Recipient data' panel includes fields for Supplier Code (Company Supplier Codes, No Supplier Codes, Admin Supplier Codes), Part material name (Demo 2 Rubber O-Ring), and Part/Item No. (1234567890). The 'MDS' panel shows Type 'Component' and various checkboxes for 100% declaration, Attachment required, Measured Weight per Item, Parts Marking, Specific weight, Symbol, and Standard Material No. The 'Regulation' panel includes 'Confirmation required' (checked) and 'Product Not Affected allowed'. The 'Common' section lists checkboxes for MS TGBAT, EU POP Regulation Test, Biocide Product Regulation, REACH Candidate List, and RoHS. The 'Company specific' section lists checkboxes for Bosch Diverse, Bosch PAH, Bosch Plasticizers, Bosch Manufacturing Materials, and Bosch Cooling Lubricants. A red box highlights the 'Create MDS' button at the bottom right. A comment box on the left contains a warning icon and the text: 'Details about the MDS request can be found here.'

## 5. Click "Create MDS"



# Demo-2: Substances are detected, lower than the limit

## 5. Input internal part number (optional)



1. Go to tab “Ingredients” → “Details”
2. Expand “Common Information”
3. Click “add” icon
4. Input part number
5. Click “Apply”



With the Bosch MDS request, the respective Bosch part numbers to be declared, will be sent to you (tab “Recipient data”).  
If you want to add your own numbers, you can do this in the “Ingredients” tab.

# Demo-2: Substances are detected, lower than the limit

## 6. Input part weight

MDS - Functions - Administration - Help

Received MDS Requests | **Ingredients \*** | Supplier data | Recipient data | Analysis | MDS Request

Filter: Common Regulations (No Filter) | Regulation Wizard

**Demo2-Rubber O-ring**

**Details**

- Common Information**
  - Type: Component
  - ID / Version: 1100557 / 0.01
  - Node ID: 1100557
  - MDS Supplier: Bosch Supplier Company
  - 100% declaration:
  - Name: Demo2-Rubber O-ring \*
  - Part/Item No.: Browse... No file selected.
  - Part/Item No.: 1234567892 \*
- Dates**
- Query Lists**
- Product Business Info**
- Amounts and Weights**
  - Measured weight per item: 20 g (1)
  - Tolerance +/-: 10 % (2)
  - Calculated weight per item: -
  - Deviation: -

1. Input part weight
2. Input tolerance of the weight

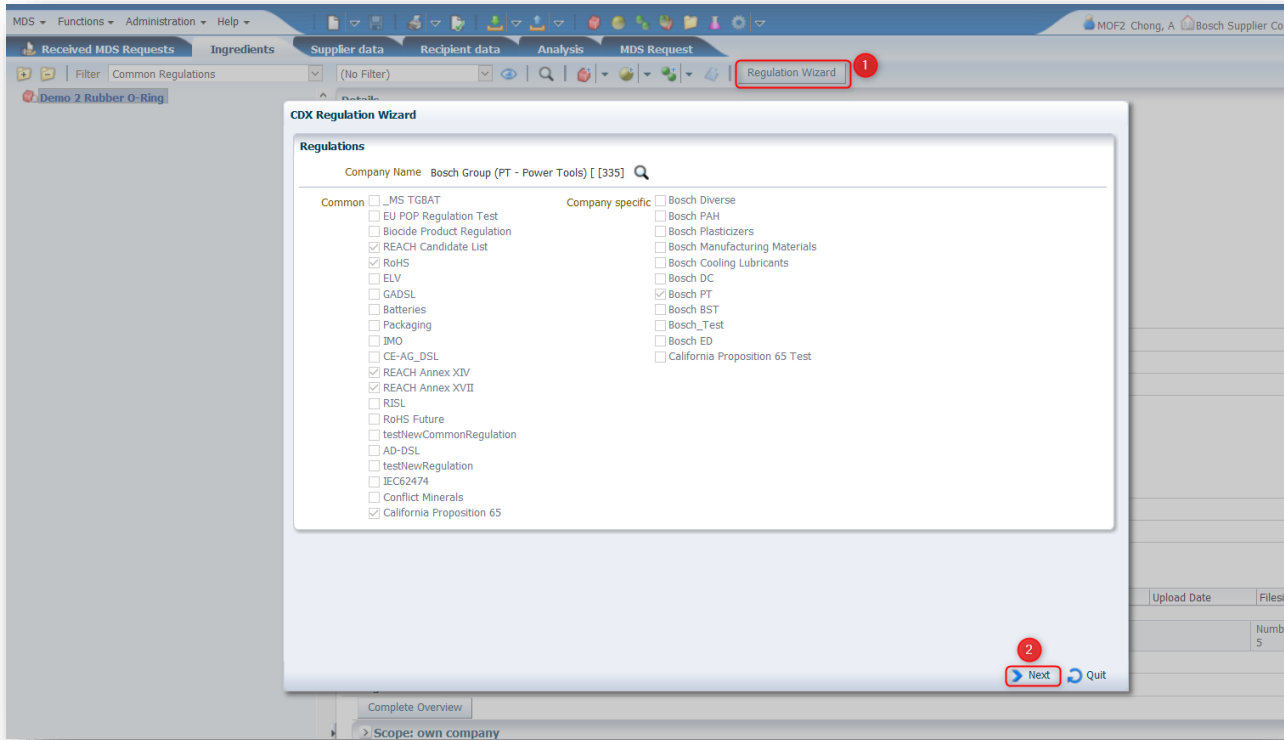


In case you don't know the part weight and its tolerance, it will not impact the final compliance result (partial declaration).

However try to input figures as accurate as possible.

# Demo-2: Substances are detected, lower than the limit

## 7. Declare substance concentration (1)

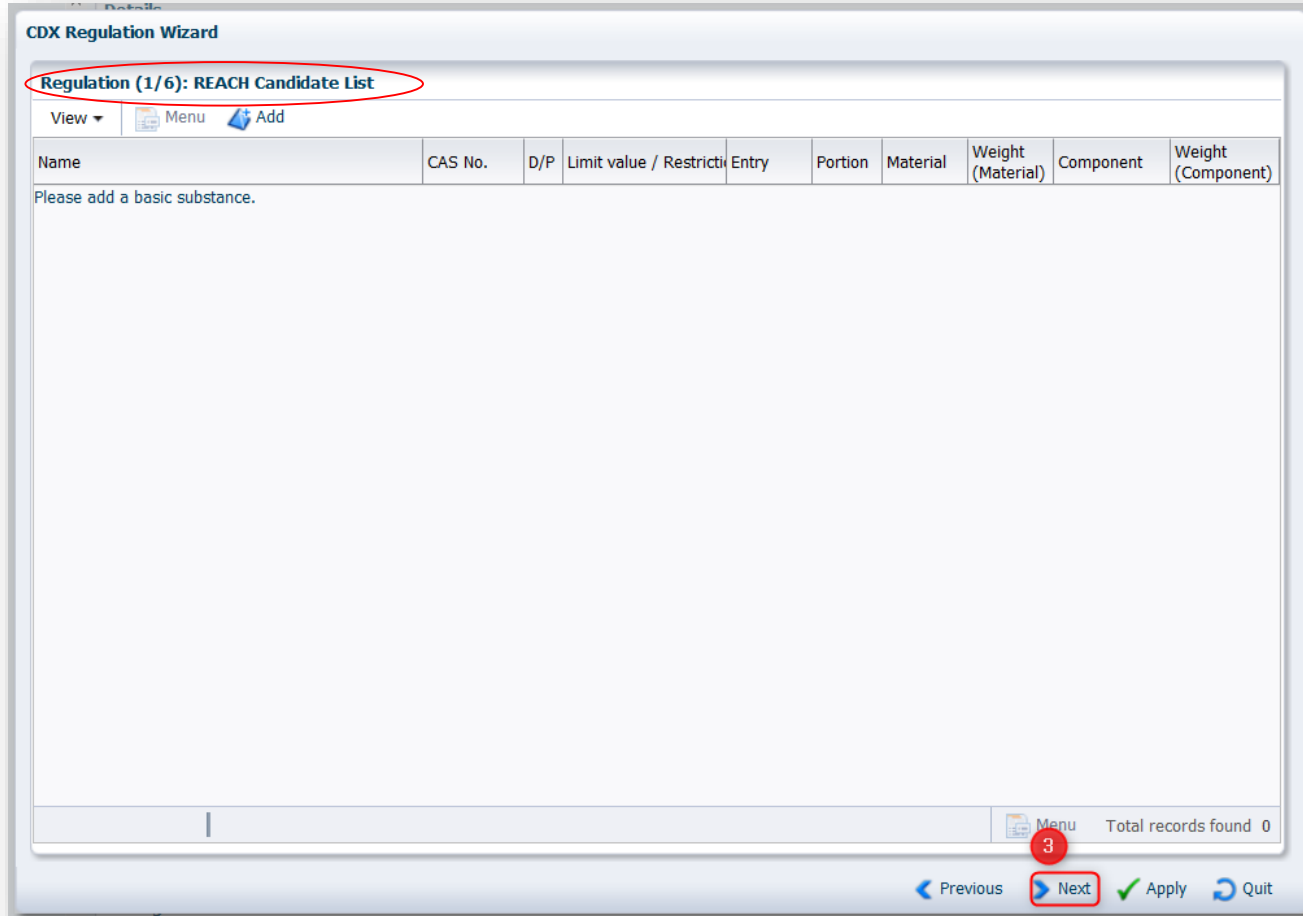


The Regulation Wizard helps to fill in the Material Data Sheet (MDS) in a guided way.  
In case a substance is detected and regulated in a regulation, add this substance to the regulation (see following steps).

1. Click “Regulation Wizard”. Requirements which are requested by Bosch PT are activated.
2. Click “Next”

# Demo-2: Substances are detected, lower than the limit

## 7. Declare substance concentration (2)



In this demo case Naphthalene was detected with content of 0.5ppm. This substance is not regulated by

- REACH Candidate List
- RoHS regulation
- REACH ANNEX XIV regulation
- REACH ANNEX XVII regulation

In such a case, you can skip the regulation by clicking “Next”. (Step 3-6)

# Demo-2: Substances are detected, lower than the limit

## 7. Declare substance concentration (3)

CDX Regulation Wizard

Regulation (5/6): California Proposition 65

View Menu Add

Name	CAS No.	D/P	Limit value / Restrictiv	Entry	Portion	Material	Weight (Material)	Component	Weight (Component)
Please add a basic substance.									

Menu Total records found 0

7

Previous Next Apply Quit

Naphthalene is applicable for CP65!

Naphthalene is also regulated by PT specific requirement. As PT specific requirement tab regulates much less substances than CP65 and with defined limits, you can declare in PT tab.

Click "next"



In case one substance is regulated by different regulations

- declaration in one of the regulation is enough.
- The CDX system will automatically link this substance to other regulations.

# Demo-2: Substances are detected, lower than the limit

## 7. Declare substance concentration (4)

The screenshot shows the CDX Regulation Wizard interface. The main window is titled "Regulation (6/6): Bosch PT". The "Add" button is highlighted with a red circle and a blue arrow pointing to the search criteria. The search criteria are: CAS No. (empty), Name/Synonym (Naphthalene), EU-Index (empty), and Eines-No. (empty). The "Search" button is highlighted with a red circle. Below the search criteria, a table lists the search results:

Name	CAS No.	EU-Index	Eines-No.	Node ID	Synonym
Naphthalene	91-20-3	-	202-049-5	2350	-

The "Naphthalene" row is highlighted with a red circle. A callout box points to the "Add" button and the search criteria, stating: "The declaration of NaP under PT regulation is automatically linked to CP65". A detailed view of the substance information is shown in a separate window:

- Common Information**
  - Type: Basic Substance
  - Name(s): Naphthalene
  - CAS No.: 91-20-3
  - Eines-No.: 202-049-5
  - EU-Index: -
  - Confidential:
- Amounts and Weights**
- Basic Substance group/list**
  - Basic Substance group/list: California Proposition 65
  - Carcinogenic substances
  - GADSL: Declarable

8. In this demo Naphthalene was detected with 0.5ppm. Click “Add” icon to add Naphthalene.

9. Search the substance which needs to be declared.

*You can use CAS No. Name or Synonym to find the substance.*

10. Click “Search”.

11. Double click the line of substance.

# Demo-2: Substances are detected, lower than the limit

## 7. Declare substance concentration (5)

CDX Regulation Wizard

Regulation (6/6): B

View Menu

Name Naphthalene

CDX Regulation Wizard

Details Regulation

Basic Substance Naphthalene

CAS No. 91-20-3

D/P P

Limit value / Restriction conditions General obligation to declare per ea. PAH from 1 ppm prohibition per PAH a) <1 mg/kg (1 ppm) if to be available for the general public and if components of plastic or rubber, which in regular, reasonable or foreseeable use come into contact with skin or the mouth cavity for a longer time, or repeatedly for a shorter time b) <0,5 mg/kg (0,5 ppm) for toys/products for infants and toddlers and components of plastic or rubber which in regular, reasonable or foreseeable use come into contact with skin or the mouth cavity for a longer time, or repeatedly for a shorter time

Entry E2012

Please select a component or select 'New Component' and change/leave the default name to create a new one.

Component Demo 2 Rubber O-Ring Component\_Bosch PT\_Naphthalene

Please select a material or select 'New Material' and change/leave the default name to create a new one.

Material New Material Material\_Bosch PT\_Naphthalene

Weight (Material) 1.0 g Use the default weight for partial declaration

Please enter the portion of the substance in the material.

Portion Basic Substance 0.00005 % 12

Apply

Menu Total records found 1

Previous Apply Quit



- Weight (Material) = weight of material which contains the substance you need to declare. E.g. Naphthalene is in the raw material or in the coating of this O-ring.
- Material: Change the default name in case you know where the substance is in e.g. “raw material” or “coating”,... of the O-ring.
- If you don't know in which material the substance is detected or the weight of this material, use the default name and weight. For partial declaration it will not impact the compliance result.

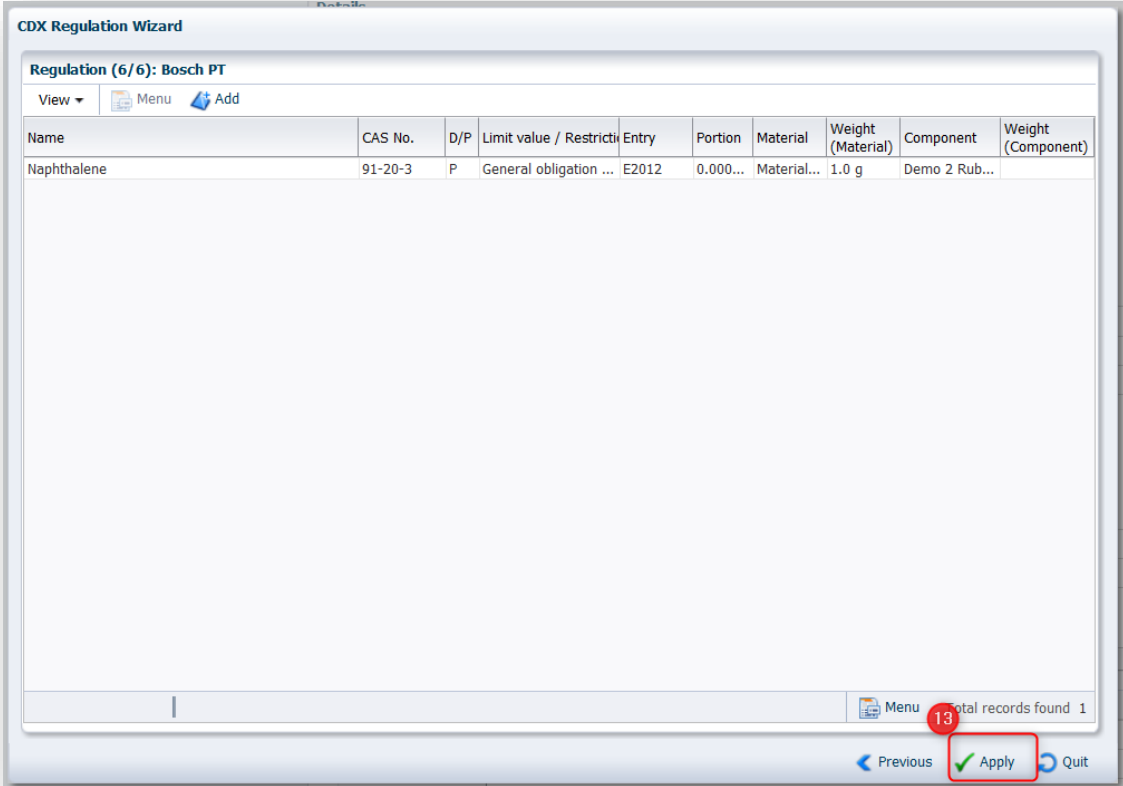
12. Input the portion of substance.



The value is in %! In test reports usually ppm figures are shown.

# Demo-2: Substances are detected, lower than the limit

## 7.Declare substance concentration (6)



13. Click “Apply” after completed declaration



# Demo-2: Substances are detected, lower than the limit

## 7.Declare substance concentration (7)

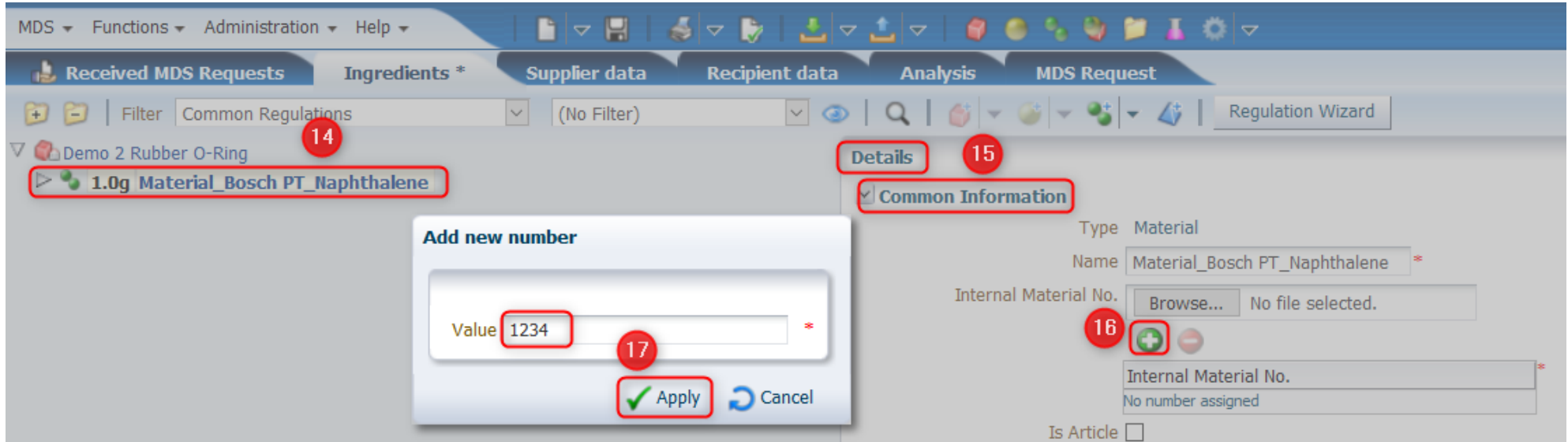
The screenshot shows the SAP MDS interface for 'Demo 2 Rubber O-Ring'. A red warning triangle icon is next to a text box that says 'Saving of the MDS in-between is recommended.' A red circle highlights the 'Save' icon in the top toolbar. The 'Regulations' section is expanded to show 'California Proposition 65' with a note: 'This regulation is also in scope for recipient company: [271, PT - Power Tools, PT - Power Tools, PT - Power Tools, PT - Power Tools, PT - Power Tools]'. Below this is a table of detected substances.

Name	CAS No.	Date	D/P	Limit value / Restriction	Threshold	Entry	Portion	Weight	Material	Exemption
Naphthalene	91-20-3		D	0.01	0.001%		0.000...		Material_Bos...	

In this case NaP was declared under PT regulation, it is linked to CP65.

# Demo-2: Substances are detected, lower than the limit

## 8. Fill in Internal Material No. (optional)



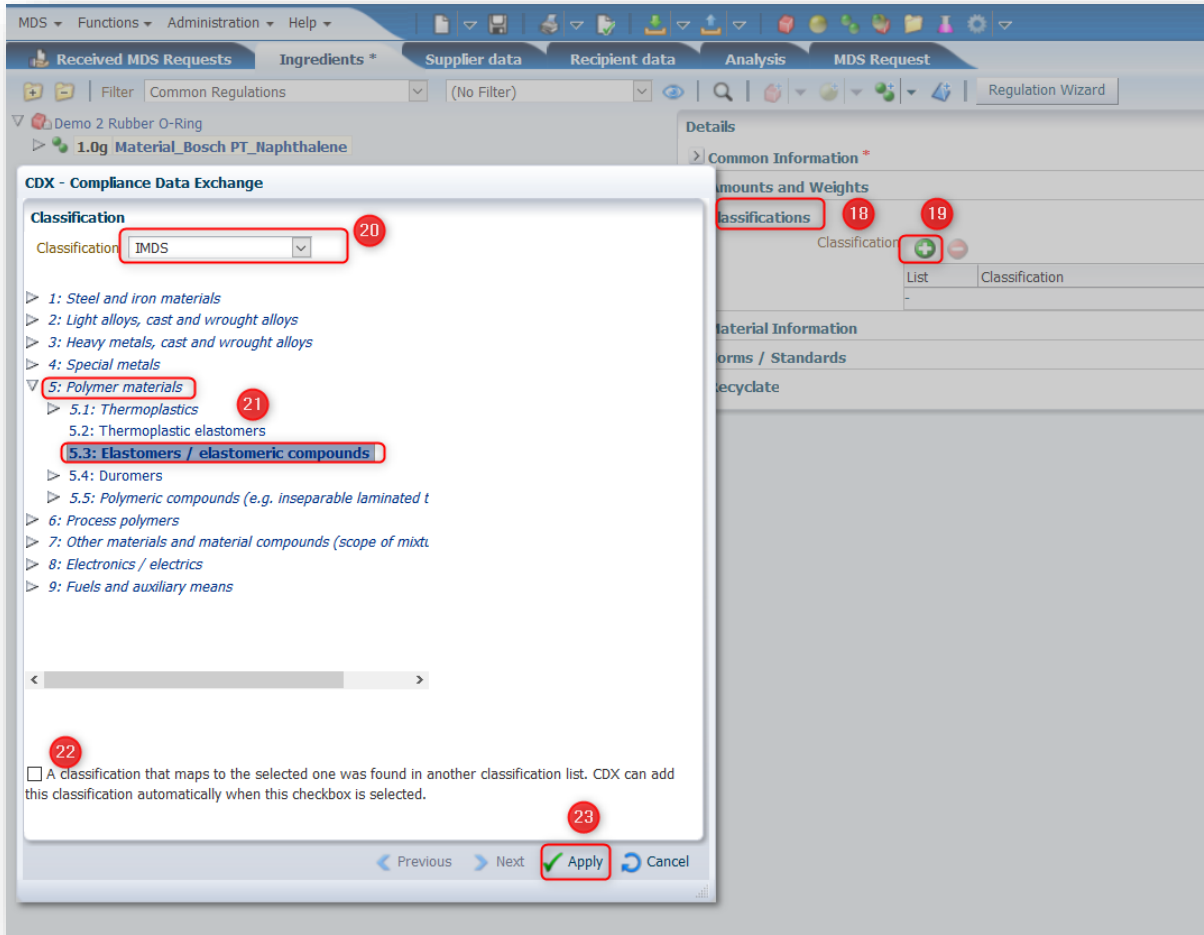
14. Choose the material
15. Choose “Details”→“Common Information”
16. Click “Internal Material No. Add icon”
17. Fill in internal material number and click “Apply”



In case you have an internal number for your material available, you have the possibility to enter it as shown (14.-17.)

# Demo-2: Substances are detected, lower than the limit

## 9. Select Material Classification



Selection of material classification will not impact the declaration result, but still try to choose a proper one.

18. Click “Classifications”

19. Click “Add” icon to add material classification

20. Choose proper Classification standard, you can use JAMP, IMDS, ISO22628 or AD-DSL.

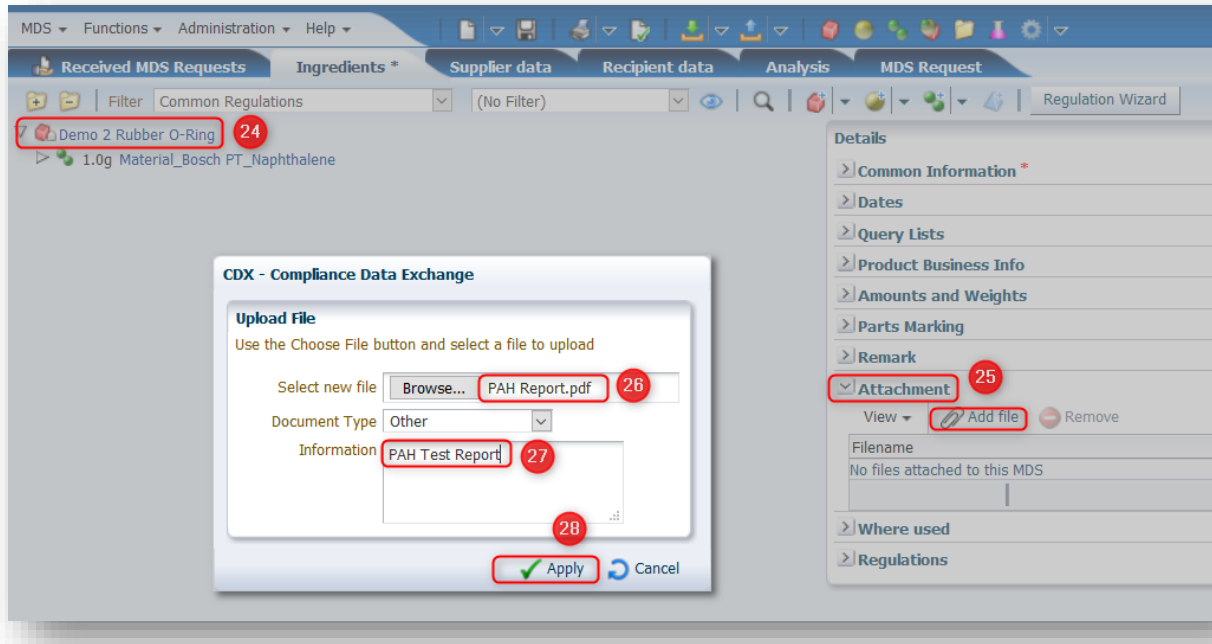
21. This case is a rubber part, choose “5.3: Elastomers/elastomeric compounds”

22. De-activate the checkbox

23. Click “Apply”

# Demo-2: Substances are detected, lower than the limit

## 10.Upload test reports/other attachments



24. Go back to “Component” level.
25. Click “Attachment”→ “Add file”.
26. Choose test report you plan to upload.
27. Input proper remark which helps to better check afterwards.
28. Click “Apply”.

# Demo-2: Substances are detected, lower than the limit

## 11. Confirm regulations

1. Click "Regulations"

2. Click "Confirmation".

3. Choose proper options for "Regulation complied?" and "Relevant data provided?"

Regulation	Regulation complied?	Relevant data provided?
California Propositi...	Yes	Yes
REACH Annex XIV	Yes	Yes
REACH Annex XVII	Yes	Yes
REACH Candidate ...	Yes	Yes
RoHS	Yes	Yes

### How to confirm regulations?

- Legal regulations according to Bosch-Norm N2580 are displayed
- Regulation complied?
  - ✓ "Product Not Affected" is not allowed
  - ✓ Choose "yes" if the part is compliant
- Relevant data provided?
  - ✓ Choose "yes" in all cases:
    - ✓ no substance needed to be declared or concentration value is non-detected
    - ✓ Any concentration value of substances are declared under regulations.

# Demo-2: Substances are detected, lower than the limit

## 12. Confirm Bosch-PT specific requirements

MDS > Functions > Administration > Help

Received MDS Requests | Ingredients \* | Supplier data | **Recipient data** | Analysis | MDS Request

Name Demo 2 Rubber O-Ring ID / Version 1108437 / 0.01 Node ID 1108437 Status Edit mode

Release internally | Send | Propose | Publish

**Bosch Group (PT - Power Tools)**

Details

- Transfer Information
- Drawing
- Purchase Order
- Report
- Company specific**
- MDS Request

Confirmation

Regulation	Regulation complied?	Relevant data provided?
Bosch PT	Yes	Yes

Show Request Details

PAH	Bosch requirements:			Legal Requirements:	
	Bosch PT worldwide N2580 requirement Reference: AIPS GS 2019:01 PAK	Concessions for user interface parts (e.g. buttons, grips, switches, ...)	Bosch PT Concessions tolerance for all other parts (Internal or external):	REACH - User Interface parts Reference: Appendix XVIII EC/1907/2006, Pos. 50.	REACH Candidate List <sup>1.)</sup>
Benzo[a]pyrene	< 0.5	Not possible by any means.	0.5 - 1.0	< 1.0	< 1000
Benzo[e]pyrene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[a]anthracene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Benzo[b]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[k]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Chrysene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Dibenzo[a,h]anthracene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[ghi]perylene	< 0.5		0.5 - 1.0	--	< 1000
Indeno[1,2,3-cd]pyrene	< 0.5		0.5 - 1.0	--	--
Naphthalene	< 2		< 10.0	--	--
Phenanthrene	Sum of the 4 PAH		Sum of the 4 PAH	--	< 1000
Pyrene	< 10		< 50	--	< 1000
Anthracene	< 10		< 50	--	--
Fluoranthene	< 10		< 50	--	< 1000
Sum of the 15 PAH	< 10		10.00 - 50.00	--	--

1.) Material with a PAH value higher than 1000PPM have to be communicated in the Supply Chain according to REACH

all values are in ppm (mg/kg)

Version: 11.10.2019  
released by PT/PUO &  
N2580 PT Steering Committee

Bosch-PT has stricter PAHs requirements than legal. Requirement may update from time to time, pls check with the latest requirement via:

[https://assets.bosch.com/media/global/bosch\\_group/purchasing\\_and\\_logistics/information\\_for\\_business\\_partners/downloads/quality\\_docs/specific\\_regulations/pt-specific-declaration-of-regulated-substances.xlsx](https://assets.bosch.com/media/global/bosch_group/purchasing_and_logistics/information_for_business_partners/downloads/quality_docs/specific_regulations/pt-specific-declaration-of-regulated-substances.xlsx)

1. Go to tab "Recipient data"
2. Expand "Company specific"
3. Confirm whether your part is compliant with PT requirement.

# Demo-2: Substances are detected, lower than the limit

## 13. Check MDS

The screenshot shows the MDS software interface. The top menu bar includes 'MDS', 'Functions', 'Administration', and 'Help'. Below the menu bar are tabs for 'Received MDS Requests', 'Ingredients', 'Supplier data', 'Recipient data', 'Analysis', and 'MDS Request'. The 'Recipient data' tab is active, and a red circle with the number '1' highlights the 'Check' icon in the toolbar. The left sidebar shows a tree view with 'Demo2-Rubber O-ring' and '1.0g Material\_Bosch\_PT\_Naphthalene'. The main area displays the 'Details' for the selected material, including sections for 'Common Information\*', 'Amounts and Weights', 'Classifications', 'Material Information', 'Norms / Standards', and 'Recyclate'. The 'Classifications' section shows a table with 'List' and 'Classification' columns, containing the entry 'IMDS 5.3: Elastomers / elastomeric compounds'. At the bottom, a red box highlights the 'Check results - 0 Error(s) / 1 Information' section, which contains a table with one row of information.

No.	Type	Tab	Node / Recipient	Message
1	Information	Ingredients	Material_Bosch_PT_Naphthalene	Under California Proposition 65 substance Naphthalene is marked as an exempted . Please verify continued use.

1. Click “Check” icon
2. Check result: “Error” items must be corrected before sending. Double click on the Error will re-direct you to the respective field where the error appears.  
Information messages shall be checked but might be not applicable for your case or just a reminder. You can continue to submit.

# Demo-2: Substances are detected, lower than the limit

## 14. Send MDS

The screenshot shows the MDS software interface. The top navigation bar includes 'MDS', 'Functions', 'Administration', and 'Help'. Below this is a toolbar with various icons. The main interface has several tabs: 'Received MDS Requests', 'Ingredients', 'Supplier data', 'Recipient data' (highlighted with a red box and a red circle with the number 3), 'Analysis', and 'MDS Request'. The 'Recipient data' tab is active, showing a table with columns for Name, ID / Version, Node ID, and Status. The first row contains 'Demo2-Rubber O-ring', '1100557 / 0.01', '1100557', and 'edit mode'. Below the table, there are icons for 'Release internally', 'Send' (highlighted with a red box and a red circle with the number 4), and 'Propose'. A 'Bosch Group (PT - Power Tools) [335] edit mode (10/21/2019)' button is also visible. On the right side, there is a 'Details' panel with a 'Transfer Information' section containing the following data: Company: Bosch Group [191], Organisation unit: PT - Power Tools [335], Recipient status: edit mode, and Name: Demo2-Rubber O-ring.

3. Go to “Recipient data” tab
4. Click “Send” icon, your MDS is sent to Bosch PT. You can’t edit the MDS after submitting it, until BMDS rejects it and requests you to modify if necessary.



# Demo-2: Substances are detected, lower than the limit

## 15. Check approval status

The screenshot shows the MDS software interface with the following components:

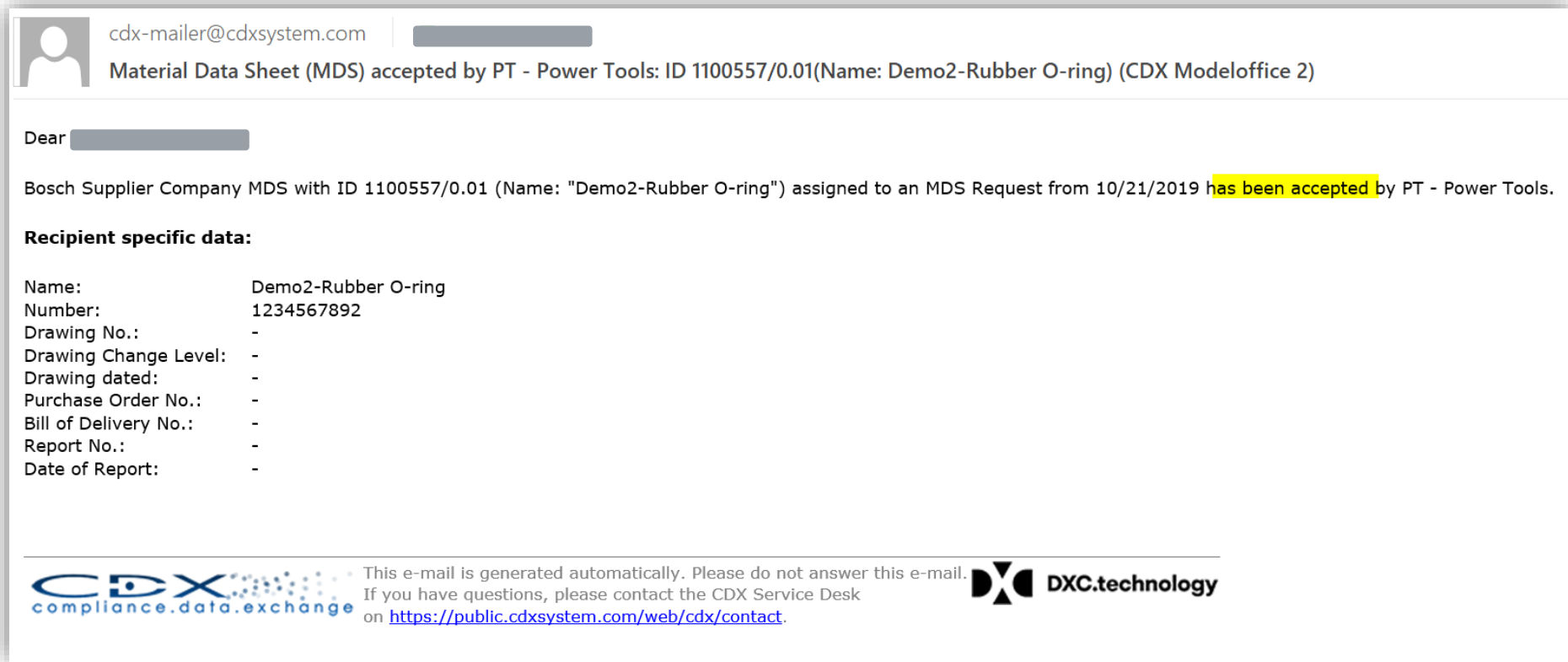
- Navigation Bar:** MDS, Functions, Administration, Help. A red circle '1' highlights the 'MDS' tab.
- General / Date:** Fields for Name, Internal number, External number, MDS ID (set to 'all'), Node ID, and Supplier Code. A checkbox for 'transmitted (sent/proposed)' is checked.
- Status:** Radio buttons for 'all', 'open MDSs', and 'none'. A list of status options: not yet browsed, browsed, accepted, rejected, modified, cancelled by sender, and only forwarded. All are checked.
- Recipient / Supplier:** Org Unit dropdown, Recipient checkbox (unchecked), and a search box with 'Recipient search is disabled' and 'Include all Org Units' checked.
- Table:** A table with columns: Type, Name, ID / Version, Node ID, Internal number, transmitted, to comp. (Org Unit) [Company ID], External number, Status, last status changed, Reason for denial, and Supplier Code. A red circle '3' highlights the 'not yet browsed' status in the first row.
- Search:** A search button with a magnifying glass icon and a red circle '2' next to it.

Type	Name	ID / Version	Node ID	Internal number	transmitted	to comp. (Org Unit) [Company ID]	External number	Status	last status changed	Reason for denial	Supplier Code
	Demo2-Rubber O-ring	1100557 / 0.01	1100557	1234567892	10/21/2019	Bosch Group (PT - Power Tools) [335]	1234567892	not yet browsed	10/21/2019		0000135993 [...]
	Demo1-Lamination	1100382 / 1	1100382	1234567891	10/18/2019	Bosch Group (PT - Power Tools) [335]	1234567891	accepted	10/18/2019		0000130624 [...]

1. Click “Outbox” icon→ choose “MDS”
2. Click “Search” to find the MDS you have submitted
3. In this case you can see the status is “not yet browsed”, means it is not yet read by BMDS.

# Demo-2: Substances are detected, lower than the limit

## 16.Receive approval notification



Once your MDS is approved by BMDS you will receive an email from CDX system.

If it is rejected you also will receive the notification email from CDX system.

# DEMO-3

SUBSTANCES ARE DETECTED,  
EXEMPTION IS ALLOWED  
(PARTIAL DECLARATION)

# Demo-3: Substances are detected, exemption is allowed

## Case background

- ▶ Supplier needs to declare a PCBA 1234567893 in CDX.
- ▶ Supplier has performed tests acc. to Bosch PT requirement.
- ▶ The test result: one resistor contains lead with a concentration of 3531 ppm → exceeds the regulation limit, however exemption is allowed.
- ▶ Bosch PT has created a CDX declaration request for this PCBA.



In case there is any substance detected with certain value in the test report, you have to declare it in CDX under related regulations.

### RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

- Test Method :
- (1) With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
  - (2) With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
  - (3) With reference to IEC 62321-4:2013+AMD1:2017, determination of Mercury by ICP-OES.
  - (4) With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
  - (5) With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.
  - (6) With reference to IEC 62321-8:2017, determination of phthalates by GC-MS.

Test Item(s)	Limit	Unit	MDL	011
Lead (Pb)	1000	mg/kg	2	3531▲
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND

# Demo-3: Substances are detected, exemption is allowed

## 1. E-Mail notification from BMDS



Mi 01.07.2020 10:59

Bosch Material Data Service (SO/OPM8.2-Tim)

PT123 - Request for Supplier Declaration

An [Redacted]

Aktionselemente

Dear Supplier,

I am writing you on behalf of BMDS (Bosch Material Data Service), which supports the purchasing department of the Power Tools (PT) division regarding supplier declarations.

We have sent you a request via CDX for the following part numbers. These part numbers contain raw materials that have an elevated risk of being hazardous to human health and/or the environment, and therefore an elevated risk of not complying with the Bosch standard N2580.

In order to receive approval, we require a test report from a certified laboratory containing the measured values for the chemical testing marked below. A technical data sheet with theoretical values (TDS / SDS) cannot be substituted for a test report and will not be accepted. This test report will verify the compliance that you certify in the supplier declaration form. Please submit samples to the laboratory to conduct the tests marked in the chart below:

Bosch Part Number	Raw Material (choose from drop down)	Plasticizers DIN EN ISO 14389:2014	PAH AFPS-GS-2019:01PAK	Heavy Metals RoHS-Method	SCCP n/a	Tests for Textile (based on Oekotex 100)
1.234.567.890	PVC plastic	X	X	X	X	
	Soft plastic (Elastomere, TPE, etc.)	X	X	X	X	

You will receive a notification email from BMDS, including:

- The part number to be declared
- Requirements concerning test reports
- Contact of CDX etc.



Test reports and any other documentation need to be attached to the CDX Material Data Sheet and not sent back via E-Mail.

# Demo-3: Substances are detected, exemption is allowed

## 2. Receipt of Material Data Sheet (MDS) request

Mi 01.07.2020 11:01  
cdx-mailer@cdxsystem.com  
Material Data Sheet (MDS) Request received from PT - Power Tools (335) (Name:Demo3\_PCBA) (CDX Modeloffice 2)

An [REDACTED]

Klicken Sie hier, um Bilder herunterzuladen. Um den Datenschutz zu erhöhen, hat Outlook den automatischen Download von Bildern in dieser Nachricht verhindert.

Aktionselemente

Dear [REDACTED],

A Request for the Material Data Sheet (MDS) "Demo3\_PCBA" due on 07/22/2020 has been sent by PT - Power Tools (335) to

Recipient specific data	
Request ID	10813
Name:	Demo3_PCBA
Part/Item No.:	1234567893
Supplier	-
Part/Item No.:	-
Drawing No.:	-
Drawing dated:	-
Drawing Change Level:	-
Purchase Order No.:	-
Bill of Delivery No.:	-
Report No.:	-
Date of Report:	-

Comment: Dear valued supplier,



This Material Data Sheet (MDS) request was created by the BMDS (Bosch Material Data Service), who supports the purchasing department of Bosch Power Tools (PT) regarding supplier declarations (N2580). Please answer our MDS request via CDX system within the deadline. In case of questions using CDX please visit <https://public.cdxsystem.com/en/web/cdx/company-specific-information>

In case of questions about the N2580 process and the declaration itself, please get in contact with us.


Best regards,


Bosch Material Data Service  
E-mail: [BMDS.postbox@de.bosch.com](mailto:BMDS.postbox@de.bosch.com)  
Tel.: +49-391-59081803

You can directly open the request **10813** after logging on to CDX using this link.

As an alternative you can manually navigate through CDX as described here:  
Once you have logged in [CDX](#), please select the InBox  from the Toolbar (or use the menu Functions InBox). Select MDS Request. In the resulting screen, click Search  (on the right) to locate the client request.

Best regards,  
Your CDX Team

 This e-mail is generated automatically. Please do not answer this e-mail.  
If you have questions, please contact the CDX Service Desk  
on <https://public.cdxsystem.com/web/cdx/contact>.



1. You will receive an email from cdx-mailer@cdxsystem.com) about a new material declaration (MDS) request.
2. Open CDX by clicking on the Request ID in the email or by searching the Request ID in CDX.
3. [Log-in to CDX-system](#) is always needed.

# Demo-3: Substances are detected, exemption is allowed

## 3. Start declaration

The screenshot shows the MDS software interface with the following components:

- Toolbar:** Contains icons for 'Inbox' (1), 'MDS Request', 'MDS', and 'MDS Request'.
- Request ID Panel:** Includes a 'Request ID' input field (2) and a 'Type' dropdown menu.
- Date / Status Panel:** Includes 'Deadline date' fields (from/to), checkboxes for 'open requests', 'Overdue', 'attached', 'received', 'awaiting acceptance', 'completed', and 'rejected'.
- Recipient / Requester Panel:** Includes 'Enable search by company' checkbox, 'Requester' and 'Company / Org ID' fields, 'Requester search is disabled' message, 'Recipient' dropdown, and 'Supplier Code' input field.
- MDS Panel:** Includes 'Assigned MDS' field, 'Name' and 'Number' input fields.
- Bottom Bar:** Includes 'View' (4), 'Menu', and 'Export' buttons.
- Table:** Lists MDS requests with columns: Request ID, Type, Project, Deadline date, Status, Requester, Number, Name, Supplier Code.
- Search and Statistics:** Includes 'Statistics' and 'Search' buttons (3).

Request ID	Type	Project	Deadline date	Status	Requester	Number	Name	Supplier Code
9787		Demo for suppliers trai...	01/21/2020	received	PT - Power Tools	1234567893	Demo3_PCBA	
9775			01/18/2020	awaiting accep...	PT - Power Tools	1 [...]	plastic components	
9749		Demo for suppliers trai...	01/11/2020	attached	PT - Power Tools	1234567892	Demo_Rubber O-ring	

1. Click “Inbox ” → select “MDS Request”
2. Input request ID you got from notification email or let it blank (the system will display the recent 500 records).
3. Search and find the right request ID you plan to declare.
4. Double click on the row of the Request ID. You will be redirected to the page to create a MDS (Material Data Sheet).

Make sure that the system is set to “MDS view”

# Demo-3: Substances are detected, exemption is allowed

## 4. Create MDS

The screenshot displays the 'MDS Request' interface with the following sections:

- MDS Request:** Request ID 10813, Request Group ID -, Status received, Deadline date 07/22/2020, Supplier Bosch Supplier Company [271], Requirer Company Bosch Group [191], Requirer Organisation unit PT - Power Tools [335], Requirer MDS Contact Bosch, Material Data Service, Project dldProj Demo for suppliers.
- Recipient data:** Supplier Code (Company Supplier Codes, No Supplier Codes, Admin Supplier Codes), Part material name Demo3\_PCBA, Part/Item No. (1234567893), Supplier Part/Item No. (No number assigned), Forwarding allowed, Drawing, Purchase Order, Report, and Date of Report fields.
- MDS:** Type Component, 100% declaration, Attachment required, Measured Weight per Item, Parts Marking, Specific weight, Symbol, Standard Material No., Regulation and Basic Substance group/list, and Basic Substance group/list.
- Regulation:** Confirmation required, Product Not Affected allowed, Common (MS TGBAT, EU POP Regulation Test, Biocide Product Regulation, REACH Candidate List, RoHS), and Company specific (Bosch Diverse, Bosch PAH, Bosch Plasticizers, Bosch Manufacturing Materials, Bosch Cooling Lubricants).
- Comment:** A text area containing a message to the supplier: "Dear valued supplier, This Material Data Sheet (MDS) request was created by the BMDS (Bosch Material Data Service), who supports the purchasing department of Bosch Power Tools (PT) regarding supplier declarations (N2580). Please answer our MDS request via CDX system within the deadline. In case of questions using CDX please visit https://public.cdxsystem.com/en/web/cdx/company-specific-information In case of questions about the N2580 process and the declaration itself, please get in".
- Attachment:** A table with columns for Filename, Document Type, Information, and Upload Date. No files are attached.

A red box highlights the comment section, and a red arrow points from a warning icon to the comment text. A red circle with the number '5' is located in the bottom right corner of the interface.

⚠ Details about the MDS request can be found here.

5

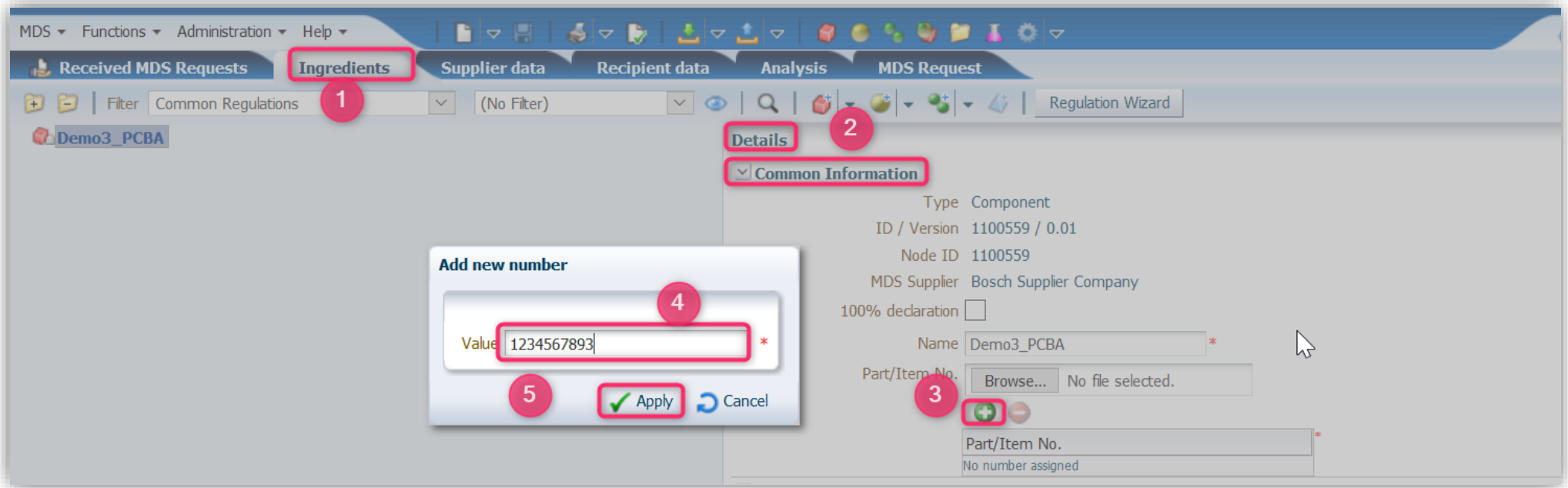
Reject Assign MDS Create MDS

## 5. Click "Create MDS"



# Demo-3: Substances are detected, exemption is allowed

## 5. Input internal part number (optional)



1. Go to tab “Ingredients” → “Details”
2. Expand “Common Information”
3. Click “add” icon
4. Input part number
5. Click “Apply”



With the Bosch MDS request, the respective Bosch part numbers to be declared, will be sent to you (tab “Recipient data”).  
If you want to add your own numbers, you can do this in the “Ingredients” tab.

# Demo-3: Substances are detected, exemption is allowed

## 6. Input part weight

MDS > Functions > Administration > Help >

Received MDS Requests | **Ingredients\*** | Supplier data | Recipient data | Analysis | MDS Request

Filter: Common Regulations | (No Filter) | Regulation Wizard

Demo3\_PCBA

**Details**

**Common Information**

Type: Component  
ID / Version: 1108655 / 0.01  
Node ID: 1108655  
MDS Supplier: Bosch Supplier Company  
100% declaration:   
Name: Demo3\_PCBA\*  
Part/Item No.:  Keine ausgewählt  
   
Part/Item No.: \*  
No number assigned

> Dates

> Query Lists

> Product Business Info

**Amounts and Weights**

Measured weight per item:    
Tolerance +/-:   
Calculated weight per item:

1. Input part weight
2. Input tolerance of the weight



In case you don't know the part weight and its tolerance, it will not impact the final compliance result (partial declaration).  
However try to input figures as accurate as possible.

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (1)

The screenshot shows the 'MDS Request' tab in the software. The 'Regulation Wizard' button is highlighted with a red circle and a red arrow pointing to the CDX Regulation Wizard dialog box. The dialog box is titled 'CDX Regulation Wizard' and contains a list of regulations under the heading 'Regulations'. The 'Company Name' is set to 'Bosch Group (PT - Power Tools) [ [335]'. The list of regulations is divided into 'Common' and 'Company specific' sections. The 'Common' section includes items like '\_MS TGBAT', 'EU POP Regulation Test', 'Biocide Product Regulation', 'REACH Candidate List', 'RoHS', 'ELV', 'GADSL', 'Batteries', 'Packaging', 'IMO', 'CE-AG\_DSL', 'REACH Annex XIV', 'REACH Annex XVII', 'RISL', 'RoHS Future', 'testNewCommonRegulation', 'AD-DSL', 'testNewRegulation', 'IEC62474', 'Conflict Minerals', and 'California Proposition 65'. The 'Company specific' section includes items like 'Bosch Diverse', 'Bosch PAH', 'Bosch Plasticizers', 'Bosch Manufacturing Materials', 'Bosch Cooling Lubricants', 'Bosch DC', 'Bosch PT', 'Bosch BST', 'Bosch\_Test', 'Bosch ED', and 'California Proposition 65 Test'. The 'California Proposition 65' checkbox is checked in both sections.



The Regulation Wizard helps to fill in the Material Data Sheet (MDS) in a guided way. In case a substance is detected and regulated in a regulation, add this substance to the regulation (see following steps).

The screenshot shows the 'CDX Regulation Wizard' dialog box. The 'Regulations' section is active, and the 'Company Name' is set to 'Bosch Group (PT - Power Tools) [ [335]'. The list of regulations is divided into 'Common' and 'Company specific' sections. The 'Common' section includes items like '\_MS TGBAT', 'EU POP Regulation Test', 'Biocide Product Regulation', 'REACH Candidate List', 'RoHS', 'ELV', 'GADSL', 'Batteries', 'Packaging', 'IMO', 'CE-AG\_DSL', 'REACH Annex XIV', 'REACH Annex XVII', 'RISL', 'RoHS Future', 'testNewCommonRegulation', 'AD-DSL', 'testNewRegulation', 'IEC62474', 'Conflict Minerals', and 'California Proposition 65'. The 'Company specific' section includes items like 'Bosch Diverse', 'Bosch PAH', 'Bosch Plasticizers', 'Bosch Manufacturing Materials', 'Bosch Cooling Lubricants', 'Bosch DC', 'Bosch PT', 'Bosch BST', 'Bosch\_Test', 'Bosch ED', and 'California Proposition 65 Test'. The 'California Proposition 65' checkbox is checked in both sections. The 'Next' button is highlighted with a red circle and a red arrow.

1. “Ingredients” tab: Click “Regulation Wizard”. Requirements which are requested by Bosch PT are activated.
2. Click “Next”

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (2)

CDX Regulation Wizard

Regulation (1/6): REACH Candidate List

View Menu Add

Name	CAS No.	D/P	Limit value / Restriction	Entry	Portion	Material	Weight (Material)	Component	Weight (Component)
Please add a basic substance.									

Total records found 0

1

Previous Next Apply Quit



In this demo case Lead was detected in the resistor with 3531 ppm. This exceeds the regulation limit of RoHS regulation. Using an exemption is allowed.

Lead is regulated by

- REACH Candidate List
- RoHS regulation
- REACH ANNEX XVII regulation
- California Proposition 65

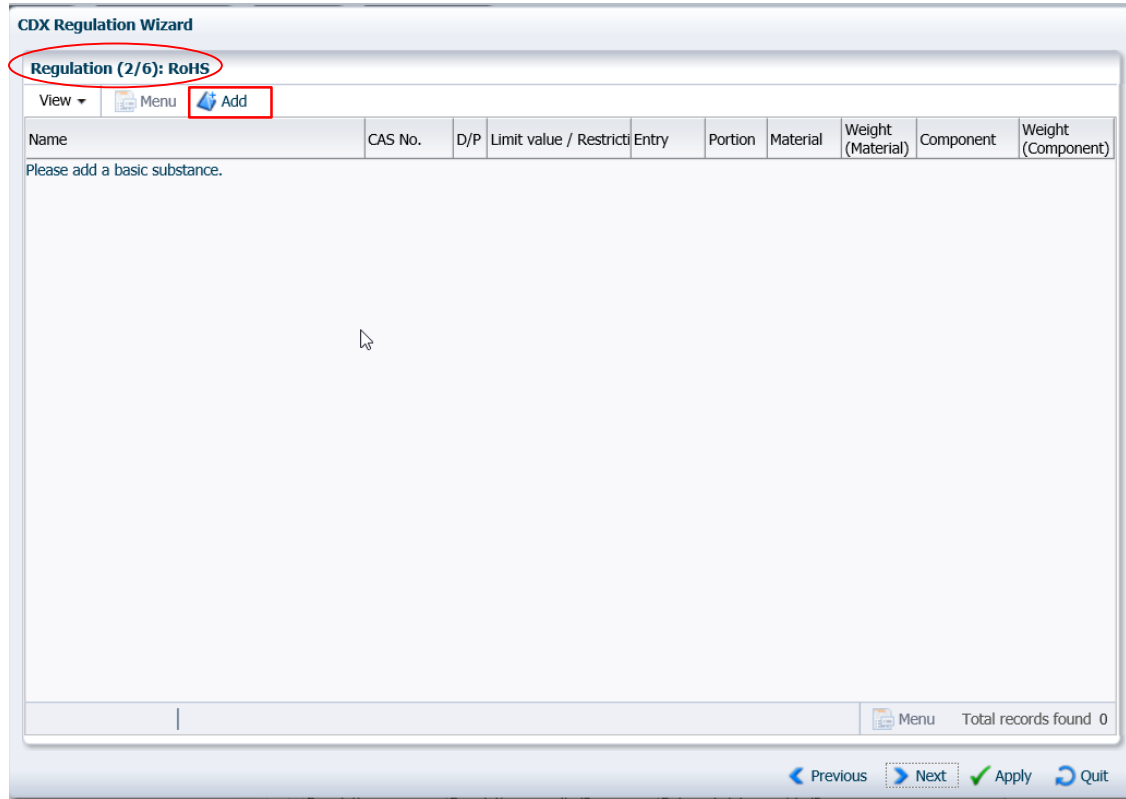
In case one substance is regulated by different regulations

- **declaration in one of the regulation is enough.**
- The CDX system will automatically link this substance to other regulations.

1. Click "Next".

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (3)



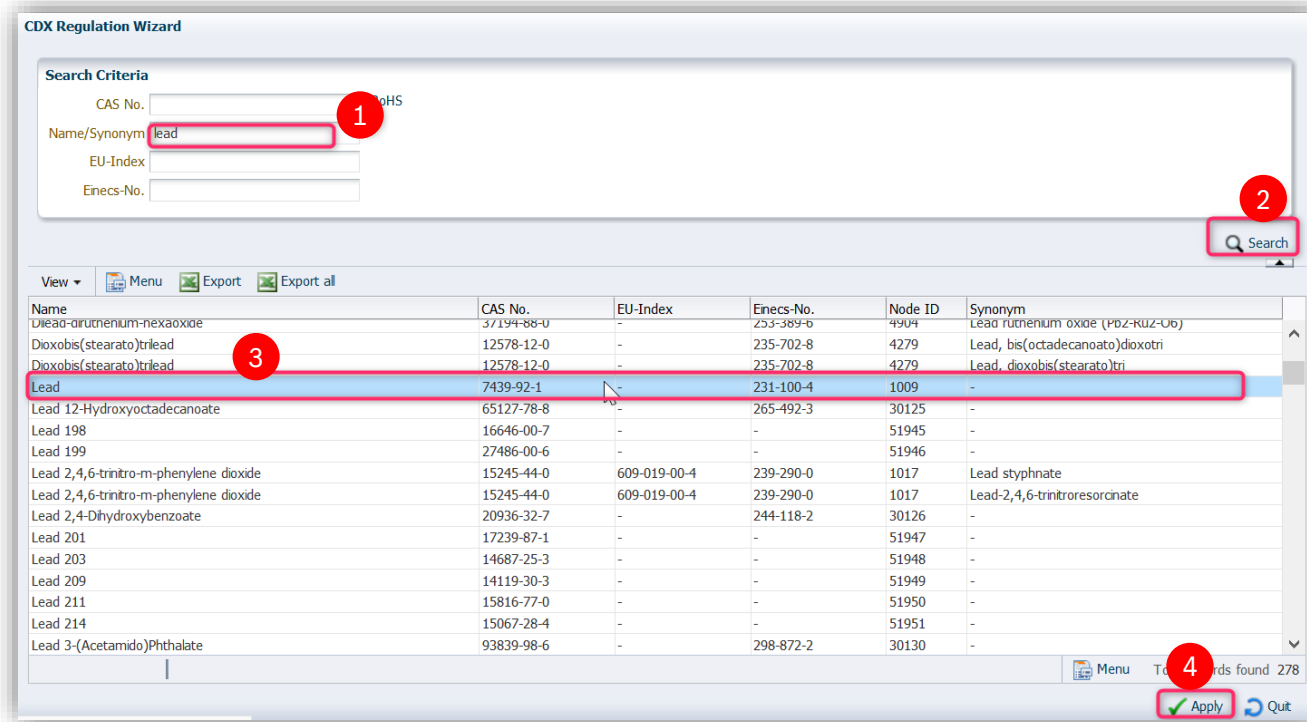
In this demo case Lead was detected in the resistor with 3531 ppm. This exceeds the regulation limit of RoHS regulation.

- Lead will be added to this regulation
- An exemption will be added (see slide xx)
- The CDX system will automatically link this substance to other regulations.

Click “Add” icon to add substance which needs to be declared.

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (4)



1. Search the substance which needs to be declared. You can also use CAS No. Name or Synonym.
2. Click "Search".
3. Choose line of the substance.
4. Click "Apply"

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (5)

CDX Regulation Wizard

Details Regulation

Regulation RoHS  
Basic Substance Lead  
CAS No. 7439-92-1  
D/P  
Limit value / Restriction conditions  
Entry

Please select a component or select 'New Component' and change/leave the default name to create a new one.

Component  Resistor = sub component of PCBA

Weight (Component) 10.0 g

Please select a material or select 'New Material' and change/leave the default name to create a new one.

Material  Material\_RoHS\_Lead

Weight (Material) 1.0 g

Please enter the portion of the substance in the material.

Portion Basic Substance 0.3531 %



- Weight (Material) = weight of material which contains the substance you need to declare. E.g. material of the Resistor which contains Lead
- If you don't know in which material the substance is detected or the weight of this material, use the default name and weight. For partial declaration, it will not impact the compliance result.

1. Create “New Component” and change the name. In this demo “Resistor” → to be used for assembled parts like a PCBA
2. Add weight of the created sub component
3. Change/leave the default value of the material
4. Enter the portion of substance. **Attention:** here the value is in %, test reports normally show ppm figure.
5. Click “Apply”

# Demo-3: Substances are detected, exemption is allowed

## 7. Declare substance concentration (6)

CDX Regulation Wizard

Regulation (2/6): RoHS

View ▾ Menu Add

Name	CAS No.	D/P	Limit value / Restrict Entry	Portion	Material	Weight (Material)	Component	Weight (Component)
Lead	7439-92-1			0.353...	Material...	1.0 g	Resistor	10.0 g

Menu Total records found

6

◀ Previous ▶ Next ✓ Apply ↻ Quit



In case one substance is regulated by different regulations

- declaration in one of the regulation is enough. In this demo: RoHS regulation
- The CDX system will automatically link this substance to other regulations.
- Entering of this substance in other regulations is not necessary
- In case other sub components of the PCBA contain “lead” as well, they need to be added separately.

6. Click “Quit” to close the Regulation Wizard.

*In this Demo, there is no other substance (except Lead) which is detected with certain value. You can only declare Lead under RoHS regulation and finish the Regulation Wizard.*



# Demo-3: Substances are detected, exemption is allowed

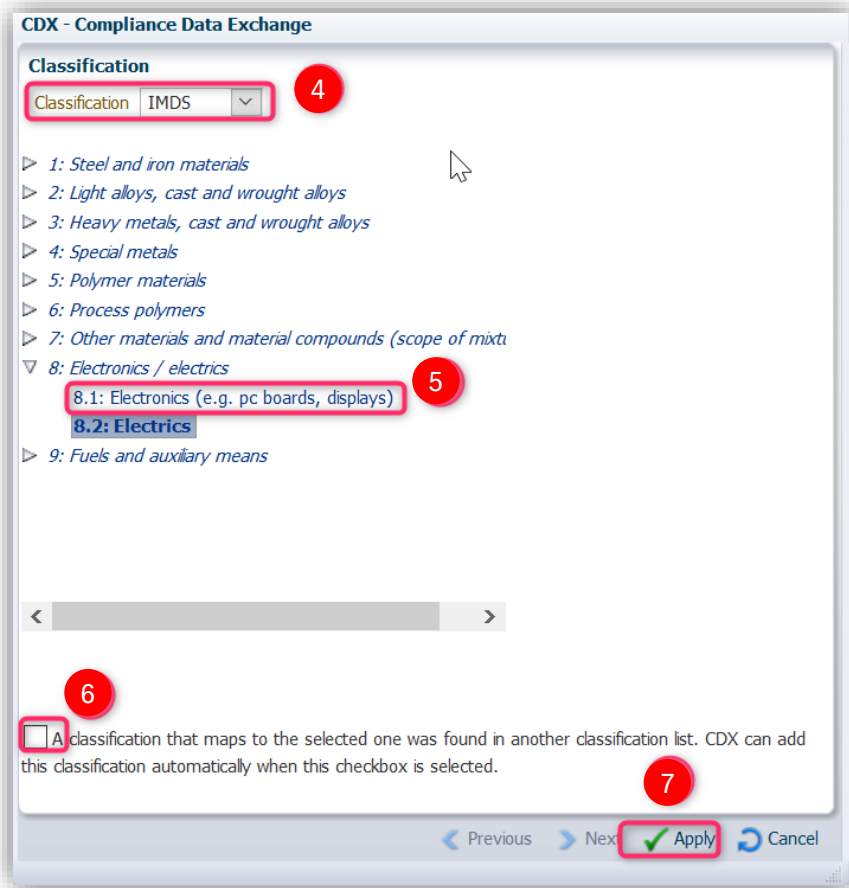
## 8. Select material classification (1)

The screenshot shows the MDS software interface. The 'Ingredients' tab is selected, and the '1.0g Material\_RoHS\_Lead' material is highlighted in the left-hand tree view. The details pane on the right shows the 'Classifications' section, which is expanded to show a table with columns for 'List' and 'Classification'. A red circle with the number '1' is placed over the material name in the tree view. A red circle with the number '2' is placed over the 'Classifications' section header. A red circle with the number '3' is placed over the green plus icon used to add a classification.

1. Choose the material
2. Open “Classifications”
3. Click “Add” icon to add material classification

# Demo-3: Substances are detected, exemption is allowed

## 8. Select material classification (2)



Material classification will not impact the declaration result, but still try to choose the proper one.

4. Choose proper Classification standard, you can use JAMP, IMDS, ISO22628 or AD-DSL.
5. In this case it is a PCBA → choose “8.1: Electronics”
6. De-activate this checkbox
7. Click “Apply”

# Demo-3: Substances are detected, exemption is allowed

## 9. Create RoHS-exemption (1)

The screenshot shows the MDS software interface with the following elements:

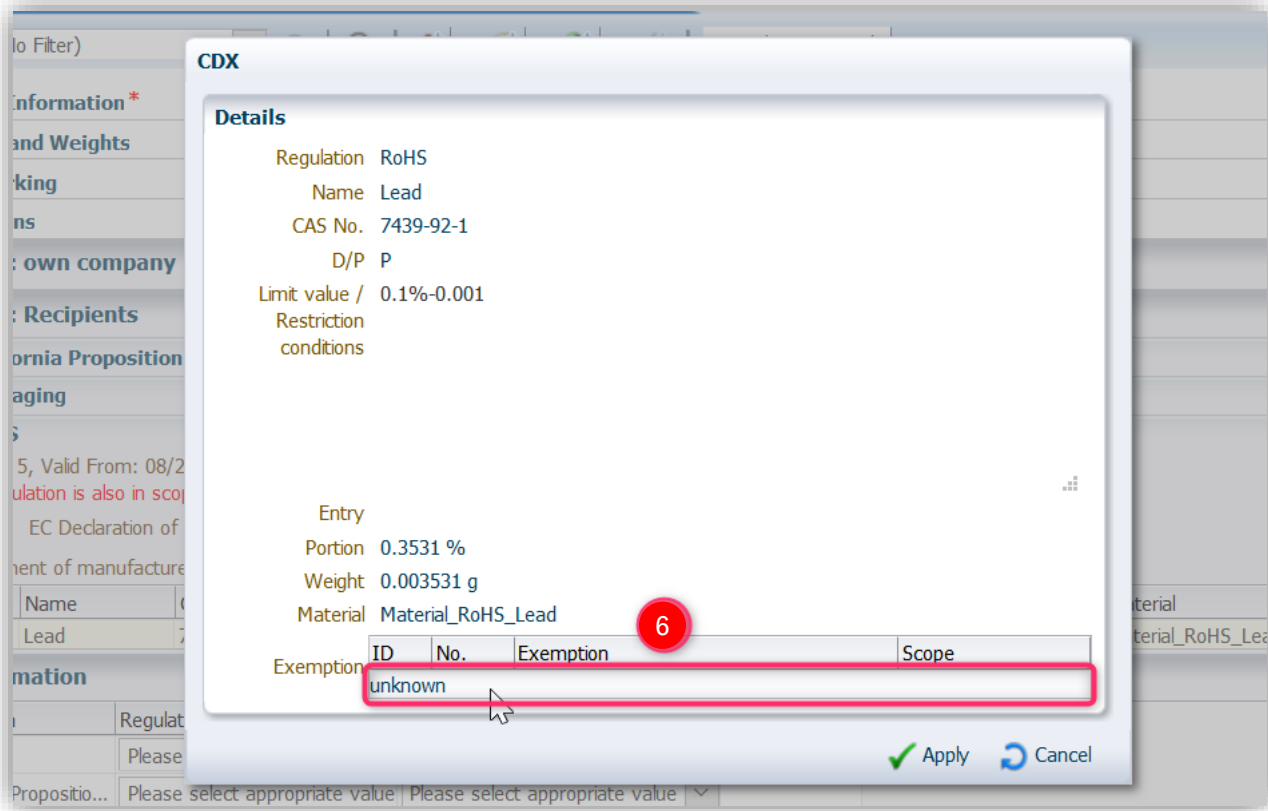
- Navigation pane (left):
  - Common Regulations (No Filter)
  - Demo3\_PCBA (1)
  - 1x Resistor (2)
  - 1.0g Material\_RoHS\_Lead
  - 0.3531% Lead
- Main Content Area (right):
  - Tabs: Received MDS Requests, **Ingredients**, Supplier data, Recipient data, Analysis, MDS Request
  - Regulation Wizard
  - Common Information\*
  - Amounts and Weights
  - Parts Marking (2)
  - Regulations (3)
    - Scope: own company
    - Scope: Recipients** (3)
    - California Proposition 65
    - Packaging
    - RoHS** (4)
      - Version: 5, Valid From: 08/22/2019 - Valid To: 08/23/2020
      - This regulation is also in scope for recipient company: [PT - Power Tools]
      - EC Declaration of Conformity attached
      - Statement of manufacturer for RoHS attached
      - Table (5):

	Name	CAS No.	Date	D/P	Limit value / Restrictio	Threshold	Entry	Portion	Weight	Material	Exemption
e	Lead	7439-92-1		P	0.1%	0.1		0.353...	0.003...	Material_RoHS_Lead	

1. Choose the sub component Resistor.
2. Open “Regulations”
3. Choose “Scope: Recipients”
4. Go to “RoHS”
5. Double click line of Lead under RoHS.

# Demo-3: Substances are detected, exemption is allowed

## 9. Create exemption (2)



## 6. Double click line of Exemption

# Demo-3: Substances are detected, exemption is allowed

## 9. Create exemption (3)

CDX

**Exemption**

List: **RoHS ANNEX III** (7)

ID	No.	Exemption	Scope
780	7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)	-
781	7(b)	Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission, and network management for telecommunications	-
782	7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	-
783	7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	-
784	7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013
785	7(c)-IV	Lead in PZT based dielectric ceramic materials for capacitors being part of integrated circuits or discrete	-

(8)

(9)

✓ Apply Cancel

## Test report

Test Item(s)	Limit	Unit	MDL	011
Lead (Pb)	1000	mg/kg	2	3531▲
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND

market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.

(5) The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.

(6) ▲According to the declaration from the client, Lead (Pb) in No.011 is exempted by EU RoHS directive 2011/65/EU based on ANNEX III 7(c)-I: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Halogen

7/8. Choose Exemption item. You can find it in the professional 3rd party test report.

9. Click “Apply”

# Demo-3: Substances are detected, exemption is allowed

## 9. Create exemption (4)

Rec CDX

**Details**

Regulation RoHS  
Name Lead  
CAS No. 7439-92-1  
D/P P  
Limit value / Restriction conditions 0.1%-0.001

Entry  
Portion 0.3531 %  
Weight 0.003531 g  
Material Material\_RoHS\_Lead

ID	No.	Exemption	Scope
782	7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	-

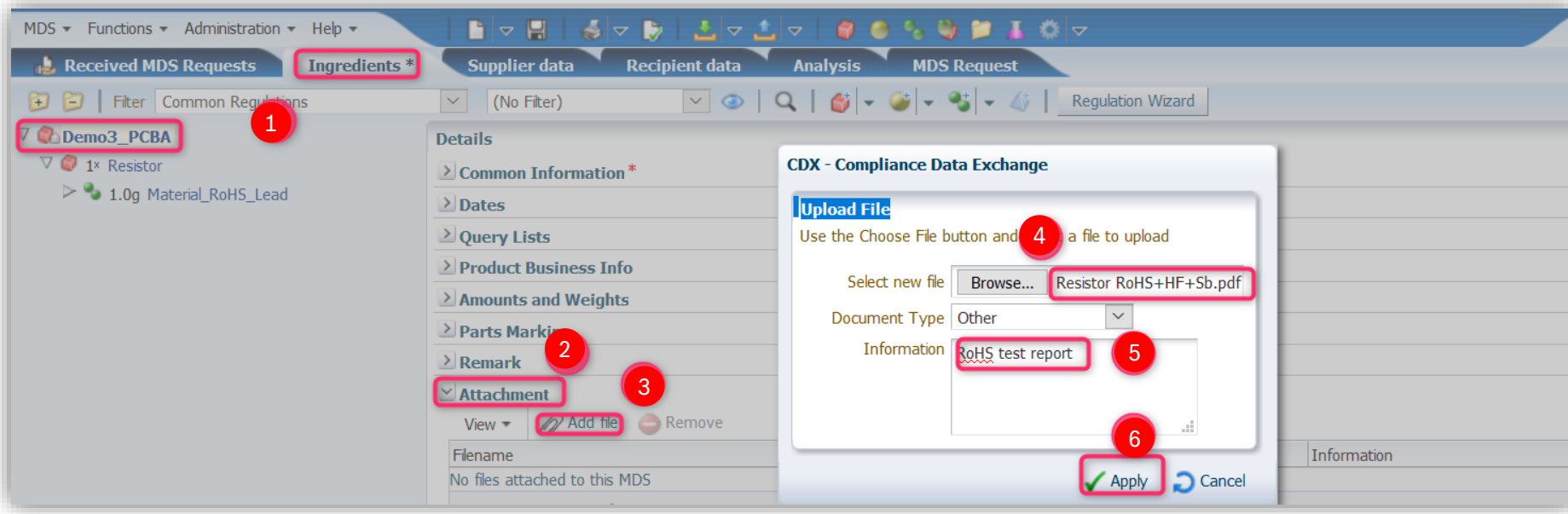
Exemption

10 Apply Cancel

10. Click “Apply” to apply the exemption.

# Demo-3: Substances are detected, exemption is allowed

## 10. Upload test reports / other attachments



1. Choose the main component in the “Component tree” → “PCBA” .
2. Click “Attachment”
3. Click “Add file”
4. Choose test report to be uploaded.
5. Input proper remark, convenient for Bosch to check afterwards.
6. Click “Apply”. Up to 5 attachments can be uploaded.

# Demo-3: Substances are detected, exemption is allowed

## 11. Confirm regulations

The screenshot shows the MDS software interface. The 'Regulations' section is expanded, showing a table with the following data:

Regulation	Regulation complied?	Relevant data provided?
California Propositi...	Yes	Yes
REACH Annex XIV	Yes	Yes
REACH Annex XVII	Yes	Yes
REACH Candidate ...	Yes	Yes
RoHS	Yes	Yes



### How to confirm regulations?

- Regulations according to Bosch-Norm N2580 are displayed
- Regulation complied?
  - ✓ “Product Not Affected” is not allowed
  - ✓ Choose “yes” if the part is compliant
- Relevant data provided?
  - ✓ Choose “yes” in all cases:
    - ✓ no substance needed to be declared or concentration value is non-detected
    - ✓ Any concentration value of substances are declared under regulations.

1. Go to the top of component tree → “PCBA”
2. Click “Regulations”.
3. Confirm: Choose proper options for “Regulation complied?” and “Relevant data provided?”



# Demo-3: Substances are detected, exemption is allowed

## 12. Confirm Bosch-PT specific requirements

Received MDS Requests | Ingredients | Supplier data | **Recipient data** | Analysis | MDS Request

Name Demo3\_PCBA ID / Version 1108621 / 0.01 Node ID 1108621 Status Edit mode

Release internally | Send | Propose | Publish

Bosch Group (PT - Power Tools)

**Details**

- Transfer Information
- Drawing
- Purchase Order
- Report
- Company specific**
  - Confirmation
 

Regulation	Regulation complied?	Relevant data provided?
Bosch PT	Yes	Yes
- Communication Information
- MDS Request

Show Request Details

PAH	Bosch requirements:			Legal Requirements:	
	Bosch PT worldwide N2580 requirement Reference: AIPS GS 2019-01 PAK	Concessions for user interface parts (e.g. buttons, grips, switches, ...)	Bosch PT Concessions tolerance for all other parts (Internal or external):	REACH - User Interface parts Reference: Appendix XVII EC/1907/2006, Pos. 50.	REACH Candidate List <sup>1.)</sup>
Benzo[a]pyrene	< 0.5	Not possible by any means.	0.5 - 1.0	< 1.0	< 1000
Benzo[e]pyrene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[a]anthracene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Benzo[b]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[k]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[a]fluoranthene	< 0.5		0.5 - 1.0	< 1.0	--
Chrysene	< 0.5		0.5 - 1.0	< 1.0	< 1000
Dibenzo[a,h]anthracene	< 0.5		0.5 - 1.0	< 1.0	--
Benzo[ghi]perylene	< 0.5		0.5 - 1.0	--	< 1000
Indeno[1,2,3-cd]pyrene	< 0.5		0.5 - 1.0	--	--
Naphthalene	< 2		< 10.0	--	--
Phenanthrene	Sum of the 4 PAH < 10		Sum of the 4 PAH < 50	--	< 1000
Pyrene				--	< 1000
Anthracene				--	--
Fluoranthene				--	< 1000
Sum of the 15 PAH	< 10	10.00 - 50.00	--	--	

1.) Material with a PAH value higher than 1000PPM have to be communicated in the Supply Chain according to REACH all values are in ppm (mg/kg)

Version: 11.10.2019 released by PT/PUO & N2580 PT Steering Committee

Bosch-PT has stricter PAHs requirements than legal. Requirement may update from time to time, pls check with the latest requirement via:

[https://assets.bosch.com/media/global/bosch\\_group/purchasing\\_and\\_logistics/information\\_for\\_business\\_partners/downloads/quality\\_docs/specific\\_regulations/pt-specific-declaration-of-regulated-substances.xlsx](https://assets.bosch.com/media/global/bosch_group/purchasing_and_logistics/information_for_business_partners/downloads/quality_docs/specific_regulations/pt-specific-declaration-of-regulated-substances.xlsx)

1. Go to tab "Recipient data"
2. Expand "Company specific"
3. Confirm whether your part is compliant with PT requirement.

# Demo-3: Substances are detected, exemption is allowed

## 13. Check MDS

The screenshot shows the MDS software interface. The top toolbar has a 'Check' icon (a scale) circled in red. The main window displays details for 'Demo3\_PCBA' with a tree view on the left showing '1x Resistor' and '1.0g Material\_RoHS\_Lead'. The 'Details' pane shows 'Amounts and Weights' with 'Measured weight per item' at 100.0 g and 'Tolerance +/-' at 2.0 %. Below the details is a 'Check results - 0 Error(s) / 4 Information' table. A red box highlights this table.

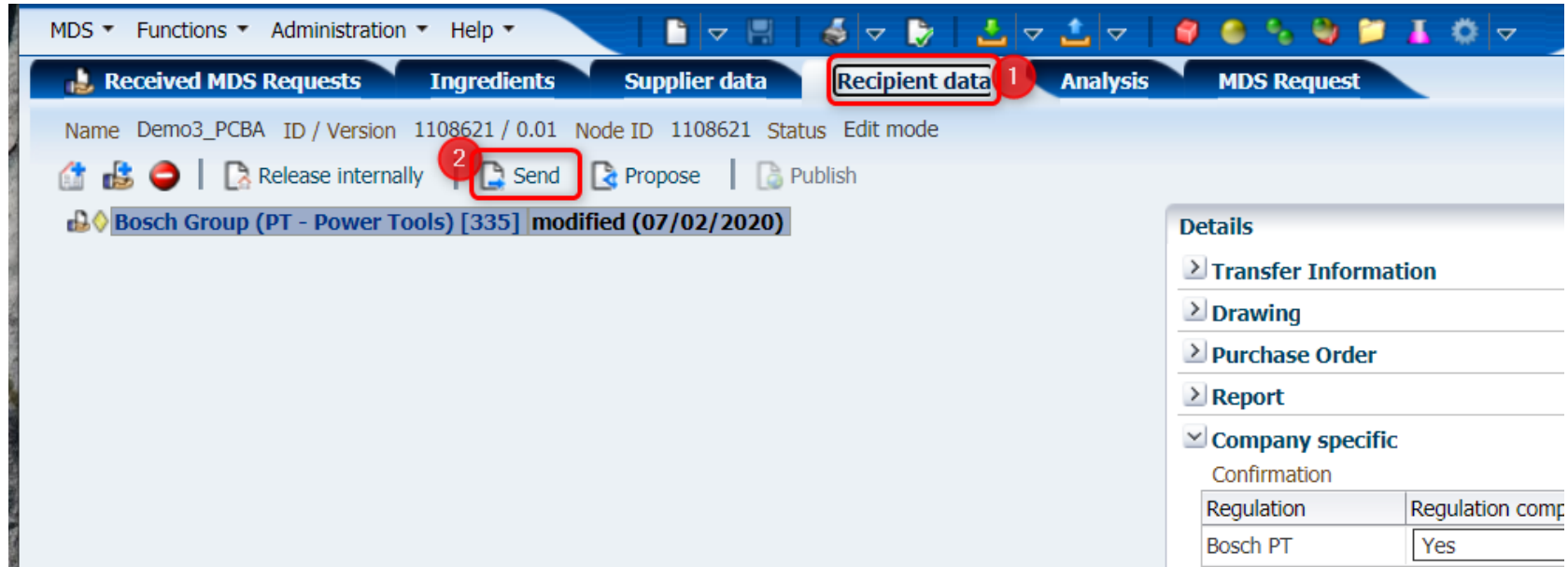
No.	Type	Tab	Node / Recipient	Message
	Information	Ingredients	Demo3_PCBA	The deviation between measured and calculated weight per item exceeds the entered tolerance.
	Information	Ingredients	Resistor	The deviation between measured and calculated weight per item exceeds the entered tolerance.
	Information	Ingredients	Resistor	An attachment of type SUI (Safe Use Instruction) is missing. This is required by at least one regulation in scope.
	Information	Ingredients	Material_RoHS_Lead	The calculated rounded/highest amount of substance Lead 7439-92-1 in this material is 0.35. Under RoHS, this exceeds the threshold of 0.1%. However, an Exemption is applied. Please verify Exemption validity

1. Click “Check” icon

2. For Error items, they must be corrected before sending. For Information messages you can read case by case. Some are not applicable for your case or just a reminder, you can continue to submit.

# Demo-3: Substances are detected, exemption is allowed

## 14. Send MDS



1. Go to “Recipient data” tab
2. Click “Send” icon, your MDS is sent to Bosch.
3. You are not able to edit the MDS after submitting it, until BMDS rejects it and requests you to make the modification.

# Demo-3: Substances are detected, exemption is allowed

## 15. Check MDS approval status

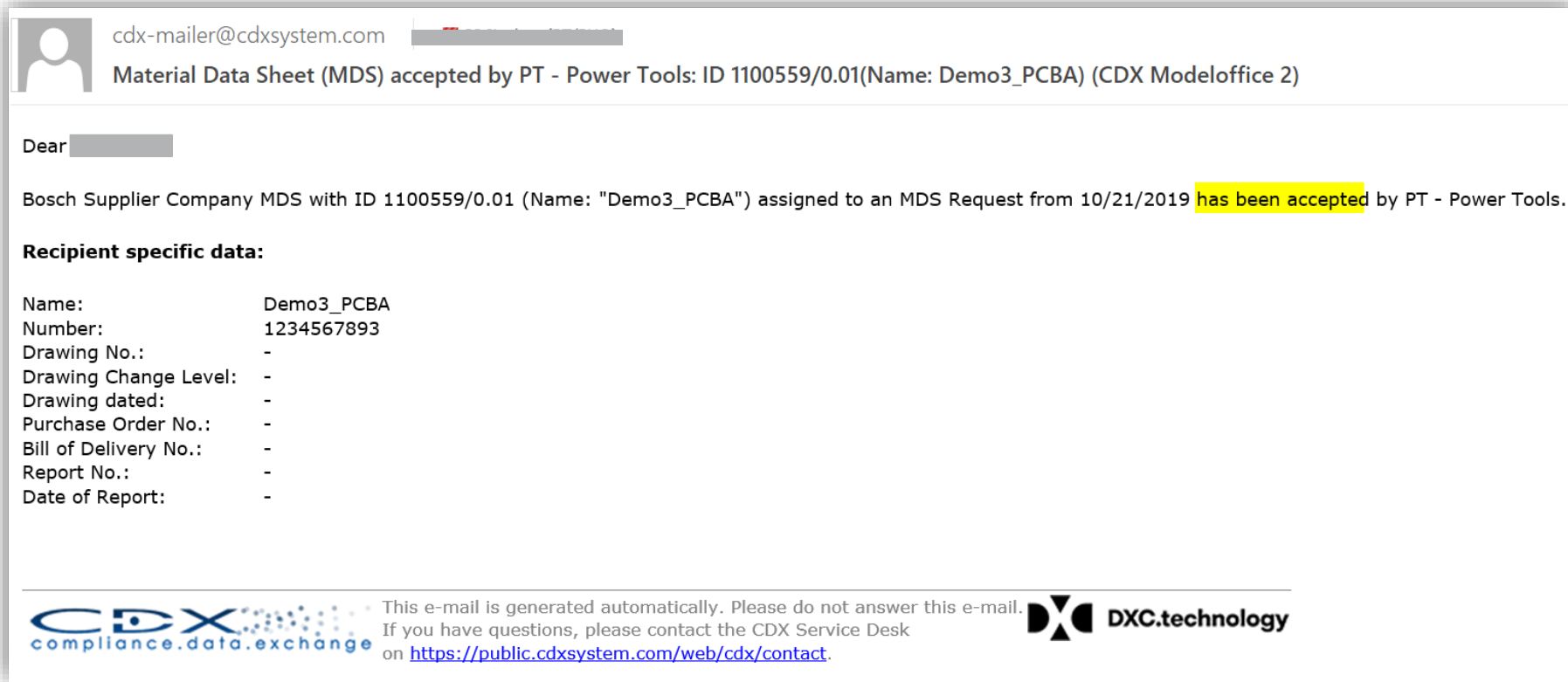
The screenshot shows the MDS software interface with the 'MDS Request' window open. The window has three main sections: 'General / Date', 'Status', and 'Recipient / Supplier'. The 'Status' section shows a list of status options with checkboxes. The 'Recipient / Supplier' section has a search area. A red circle '1' is placed over the 'MDS Request' icon in the top navigation bar. A red circle '2' is placed over the search icon in the bottom right. A red circle '3' is placed over the first row of the data table below.

Type	Name	ID / Version	Node ID	Internal number	transmitted	to comp. (Org Unit) [Company ID]	External number	Status	last status changed
	Demo3_PCBA	1108621 / 0.01	1108621		8/31/2020	Bosch Group (PT - Power Tools) [335]	1234567893	not yet browsed	8/31/2020

1. Click “Outbox” icon → choose “MDS”
2. Click “Search” to find the MDS you have submitted
3. In this case you can see the status is “not yet browsed” → it is not yet read by Bosch-PT.

# Demo-3: Substances are detected, exemption is allowed

## 16. Receive approval notification



Once your MDS is approved by Bosch you will receive an email from CDX.  
If it is rejected you will receive the notification email from CDX, too.

# DEMO-4

## FAMILY DECLARATION (PARTIAL DECLARATION)

# Demo-4: Family declaration

## Case background

- ▶ Supplier needs to declare stamping parts 1234567894, 1234567895 and 1234567896 in CDX.
- ▶ Material and production process of these 3 stamping parts are the same.
- ▶ Supplier has finished test acc. to Bosch PT N2580 requirement.
- ▶ Bosch has created CDX declaration request ID, which includes these 3 part numbers.



If there is any substance detected with certain value in the test report, you have to declare it in CDX under related regulations.

### When is a family declaration possible ?

- Products with the same material from the same sub-supplier, and the same production process.
- Family declaration is triggered by Bosch BPV or plant PUQ before creating the request ID.

# Demo-4: Family declaration

## 1. E-Mail notification from BMDS

MI 01.07.2020 10:59  
 Bosch Material Data Service (SO/OPM8.2-Tim)  
 PT123 - Request for Supplier Declaration

An [REDACTED]

Aktionselemente

Dear Supplier,

I am writing you on behalf of BMDS (Bosch Material Data Service) regarding supplier declarations. We have sent you a request via CDX for the following part numbers. These part numbers contain raw materials that have an elevated risk of being hazardous to human health and/or the environment, and therefore an elevated risk of not complying with the Bosch standard N2580.

**Note:** Content of this screenshot is not referring to this demo.

In order to receive approval, we require a test report from a certified laboratory containing the measured values for the chemical testing marked below. A technical data sheet with theoretical values (TDS / SDS) cannot be substituted for a test report and will not be accepted. This test report will verify the compliance that you certify in the supplier declaration form. Please submit samples to the laboratory to conduct the tests marked in the chart below:

Bosch Part Number	Raw Material (choose from drop down)	Plasticizers DIN EN ISO 14389:2014	PAH AFPS-GS-2019:01PAK	Heavy Metals RoHS-Method	SCCP n/a	Tests for Textile (based on Oekotex 100)
1.234.567.890	PVC plastic	X	X	X	X	
	Soft plastic (Elastomere, TPE, etc.)	X	X	X	X	

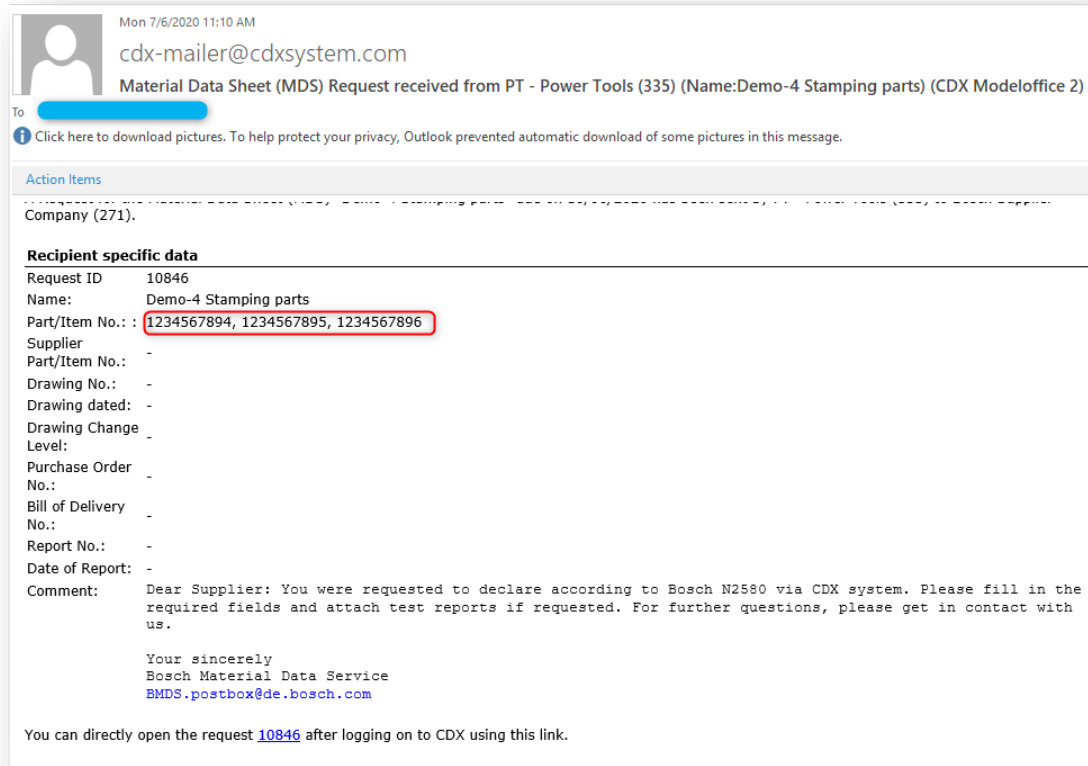
You will receive a notification email from BMDS, including:

- The part number to be declared
- Requirements concerning test reports
- Contact of CDX etc.



# Demo-4: Family declaration

## 2. Receipt of Material Data Sheet (MDS) Request



Meanwhile you received an email from CDX about request of declaration. There are multiple part numbers under one request ID. You can open the CDX via clicking the request number in the email, or by searching the request ID in CDX.

# Demo-4: Family declaration

## 3. Start declaration

The screenshot shows the MDS software interface with the following components:

- Navigation Menu:** MDS, Functions, Administration, Help. A sub-menu is open for 'MDS' with 'MDS Request' selected.
- Search Bar:** Located at the bottom right, with a 'Search' button.
- Data Entry Panels:**
  - ID / Type / Project:** Request ID (10846), Type (dropdown).
  - Date / Status:** Deadline date (from/to), checkboxes for open requests, Overdue, attached, received, awaiting acceptance, completed, rejected.
  - Recipient / Requester:** Enable search by company, Requester (Company / Org ID), Recipient (dropdown), Supplier Code.
  - MDS:** Assigned MDS, Name, Number.
- Table:** A table with columns: Request ID, Type, Project, Deadline date, Status, Requester, Number, Name, Supplier Code. The first row is highlighted in red.

Request ID	Type	Project	Deadline date	Status	Requester	Number	Name	Supplier Code
10846		Demo for suppliers trai...	10/06/2020	received	PT - Power Tools	1234567894 [...]	Demo-4 Stamping parts	

1. Click “Inbox ” icon → select “MDS Request”.
2. Input request ID you got from email or just let it blank.
3. Search and find the right request ID which you plan to declare.
4. Double click the line of the request ID, you will open the page to create MDS.



Make sure that the system is set to “MDS view”

# Demo-4: Family declaration

## 4. Create MDS

The screenshot displays the 'MDS Request' web application interface. The top navigation bar includes 'MDS - Functions - Administration - Help' and tabs for 'Received MDS Requests', 'Ingredients', 'Supplier data', 'Recipient data', and 'Analysis'. The main content area is divided into several sections:

- MDS Request:** Contains fields for Request ID (10846), Request Group ID, Status (received), Deadline date (10/06/2020), Supplier (redacted), Requester Company (redacted), Requester Organisation unit (PT - Power Tools [335]), Requester MDS Contact (redacted), and Project (didProj Demo for suppliers training).
- Recipient data:** Includes Supplier Code (Company Supplier Codes, No Supplier Codes, Admin Supplier Codes), Part material name (Demo-4 Stamping parts), Part/Item No. (1234567894, 1234567895, 1234567896), Supplier Part/Item No. (No number assigned), Forwarding allowed (checkbox), Drawing No., Drawing dated, Drawing Change Level, and a Purchase Order link.
- MDS:** Features a Confirmation required checkbox, Product Not Affected allowed checkbox, and two lists of regulatory requirements: Common (including MS TGBAT, EU POP Regulation Test, Biocide Product Regulation, REACH Candidate List, RoHS, ELV, GADSL, Batteries, Packaging, IMO, CE-AG\_DSL, REACH Annex XIV, REACH Annex XVII, RISL, RoHS Future, testNewCommonRegulation, AD-DSL, testNewRegulation, IEC62474, Conflict Minerals, and California Proposition 65) and Company specific (including Bosch Diverse, Bosch PAH, Bosch Plasticizers, Bosch Manufacturing Materials, Bosch Cooling Lubricants, Bosch DC, Bosch PT, Bosch BST, and Bosch ED).
- Attachment:** A table with columns for Filename, Document Type, Information, Upload Date, and Filesize (kbyte). It shows 'No files attached to this MDS Request' and a 'number of attachments 0/5' indicator.
- Comment:** A text area containing a message: 'Dear Supplier: You were requested to declare according to Bosch N2580 via CDX system. Please fill in the required fields and attach test reports if requested. For further questions, please get in contact with us. Your sincerely Bosch Material Data Service BMDS.postbox@de.bosch.com'. A red circle with the number '5' is visible next to the comment.

At the bottom right of the interface, there are three buttons: 'Reject', 'Assign MDS', and 'Create MDS' (highlighted with a red box).

## 5. Click "Create MDS"

# Demo-4: Family declaration

## 5. Input internal part numbers (optional)

The screenshot shows the Bosch MDS software interface. The 'Ingredients' tab is selected, and the 'Details' section is expanded to show 'Common Information'. The 'Part/Item No.' field is highlighted with a red circle '7'. A dialog box 'Add new number' is open, showing the input field with '1234567894' and 'Apply' button circled in red. Another dialog box is open above it, showing the input field with '1234567896' and 'Apply' button circled in red. A red circle '9' is around the 'Apply' button in the top dialog.

6. Go to tab “Ingredients” → “Details” → Expand “Common Information”

7. Click “add” icon

8. Input part number

9. Repeat steps 7 and 8 to add all part numbers.



With the Bosch MDS request, the respective Bosch part numbers to be declared, will be sent to you (tab “Recipient data”).  
If you want to add your own numbers, you can do this in the “Ingredients” tab.

# Demo-4: Family declaration

## 6. Input part weight

The screenshot shows the MDS software interface. The 'Ingredients \*' tab is selected and circled in red. The 'Amounts and Weights' section is expanded, and the 'Measured weight per item' is set to 50 g and the 'Tolerance +/-' is set to 10%. A red circle labeled '10' is next to the 'Ingredients \*' tab, and another red circle labeled '11' is next to the weight and tolerance input fields.

### Note :

- For “Non 100% declaration” (partial declaration), part weight and its tolerance will not impact the compliance result.
- Try to input figures as accurate as possible.




10. Go to “Ingredients”→ “Amount and Weights”

11. Input weight and its tolerance of any part in the part family. Your next steps declaration is based on this part number, but applicable for all part numbers in the group.

# Demo-4: Family declaration

## 7. Material declaration

▶ Declare the material based on shown cases (start with chapter 7 in each demo):

- **Demo-1: Substances are Non-Detected** 
- **Demo-2: Substances are detected, lower than limit** 
- **Demo-3: Substances are detected, exemption is allowed** 

# DEMO-5

## ASSIGN MDS

COPY OF AN EXISTING MATERIAL  
DECLARATION AND USE FOR  
ANOTHER PART NUMBER

# Demo-5: Assign MDS

## Introduction

- ▶ When to use?
  - ▶ Parts with same production process and same material (family) → same declaration data can be used from an existing and accepted declaration (MDS) in CDX
- ▶ How to use?
  - ▶ Search the existing and accepted Node ID for the similar material/process which you would like to declare on the new requested ID
  - ▶ Copy the existing MDS
  - ▶ Assign to the just created copy the new request ID by Bosch



Direct use of the “assign MDS” button for declarations which are accepted by customer is not possible! First, a copy has to be created and then “assign MDS” button can be used.



# Demo-5: Assign MDS

## 1. Search for an Existing declaration (Material Data Sheet)

CDX compliance.data.exchange

DXC.technolo

MDS Functions Administration Help

Sent MDSs Ingredients Supplier data Recipient data Analysis MDS MDS Request

General / Date

Name  
Internal number  
External number  
MDS ID all  
Node ID  
Supplier Code

Status

Combined all open MDSs none

Single  
 not yet browsed  
 browsed  
 accepted  
 rejected  
 modified  
 cancelled by sender  
 deactivated by recipient

Recipient / Supplier

Org Unit  
Recipient  Enable search by recipient  
Recipient search is disabled.  
 Include all Org Units

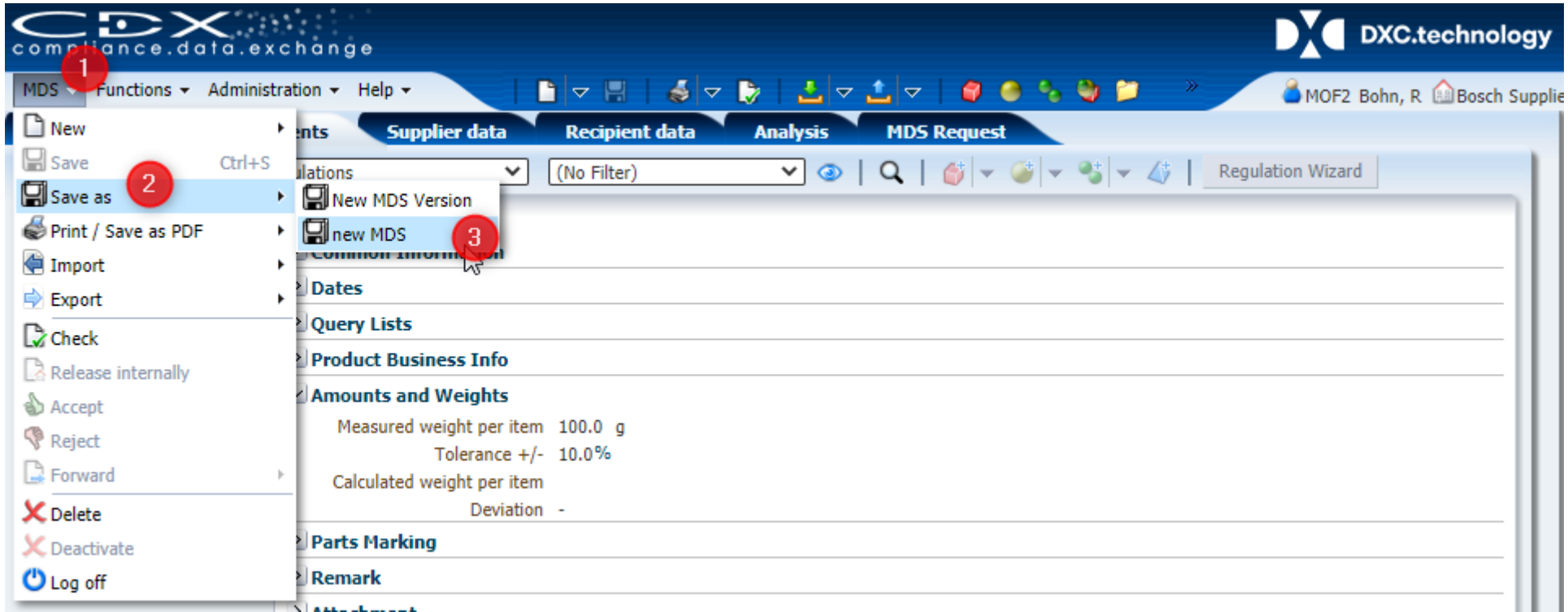
View Menu Export

Type	Name	ID / Version	Node ID	Internal number	transmitted	to comp. (Org Unit) [Company ID]	External number	Stat
	Demo-1 Lamination	1110695 / 1	1110695	1234567891	9/29/2020	Bosch Group (PT - Power Tools) [335]	1234567891	acce

1. Go to Outbox and Click “MDS ”
2. Search an existing MDS
  - A. Enter known Node ID
  - OR
  - B. Use the “status” filter to filter your search result e.g. “accepted”
3. Click “Search”
4. Double click the line of the request ID to open the particular MDS.

# Demo-5: Assign MDS

## 2. Duplicate the MDS: Copy an existing submitted declaration



1. Click “MDS”
2. Choose “Save as”
3. Choose “new MDS” to duplicate the existing declaration and create a copy.



Choose “New MDS Version”: To be used in case a changed material declaration for the same part number is required.

# Demo-5: Assign MDS

## 3. Assign MDS to respective Request ID (1)

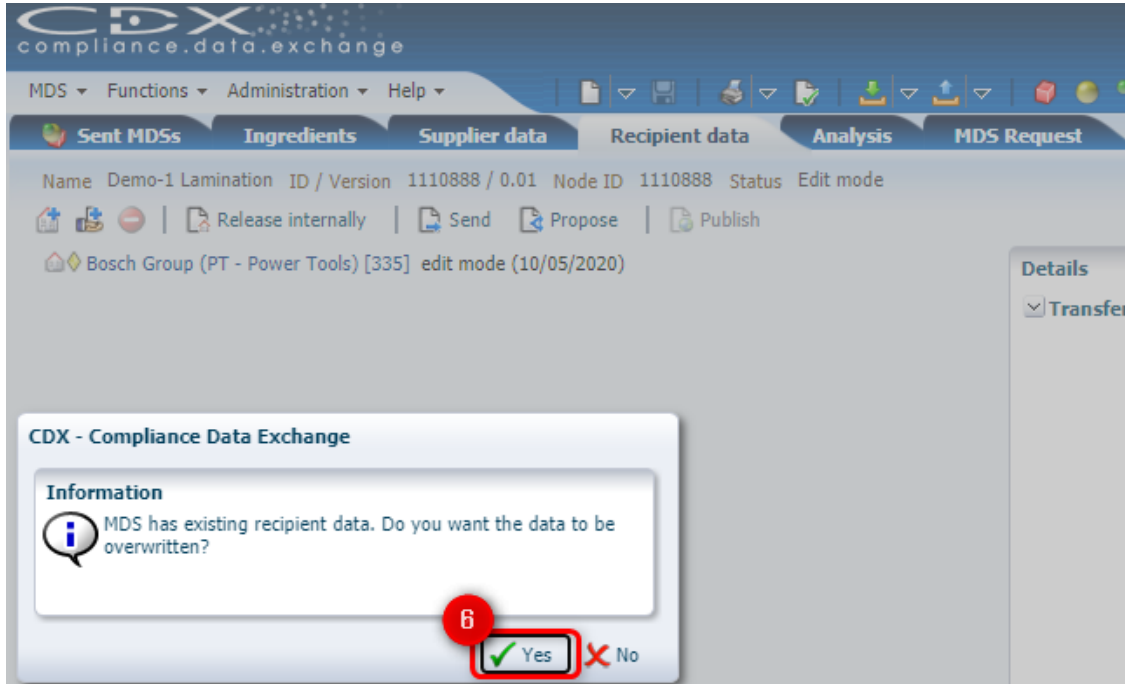
The screenshot shows the MDS software interface with the 'Recipient data' tab selected. The interface includes a menu bar (MDS, Functions, Administration, Help) and a toolbar. The main area displays a list of MDS items and a detailed view of a specific request. Red circles and arrows highlight the steps: 1. 'Recipient data' tab, 2. 'Assign MDS Request' button, 3. Request ID '11415' in the search field, 4. 'Search' button, and 5. Double-clicking the request ID in the table.

Request ID	Type	Project	Deadline date	Status	Requester	Number	Name	Supplier Code
11415		2ndTest_AssignAfterS...	09/30/2020	received / Ove...	PT - Power Tools	1600A00TOC	CardBox_NEW_Demo2	0097249416 [...]

1. Choose the tab “Recipient data”.
2. Click “Assign MDS Request”.
3. Search the Request ID number which you want to declare.
4. Click “Search”
5. Double click the line of the request ID. The new version of the MDS will be assigned to that ID.

# Demo-5: Assign MDS

## 3. Assign MDS to respective Request ID (2)



6. Despite the warning – overwrite the existing recipient data. Confirm “Yes”.  
It will **assign all new requested part numbers** of the new request **to the just created copy** of the existing Material Data Sheet.

# Demo-5: Assign MDS

## 4. Start editing the copied MDS assigned to the new request (1)

MDS > Functions > Administration > Help

Sent MDSs **Ingredients** \* 1 Supplier data Recipient data Analysis MDS Request

Filter: Common Regulations (No Filter)

Demo-5 Assign MDS

**Details**

**Common Information**

Type Component  
ID / Version 1110888 / 0.01  
Node ID 1110888  
MDS Supplier Bosch Supplier Company  
100% declaration   
Scip Compliance   
Scip Number

**Name(s)**

Name Demo-5 Assign MDS 2

Additional Names

Name

**Identifier(s)**

Part/Item No. Choose File No file chosen

Part/Item No. 1234567891 3

**Regulations**

Complete Overview

> Scope: own company

> Scope: Recipients

**Confirmation** 4

Regulation	Regulation complied?	Relevant data provided?
California Propositi...	Yes	No obligation to declare
Packaging	Please select appropriate value	Please select appropriate value
REACH Annex XIV	Yes	No obligation to declare
REACH Annex XVII	Yes	No obligation to declare
REACH Candidate ...	Yes	No obligation to declare

1. Changes under “Ingredients” tab.
2. Optional change: Name of declaration
3. Optional change: Change your internal Supplier Part number to newly request ID (recommended)
4. Re-check confirmations

# Demo-5: Assign MDS

## 4. Start editing the copied MDS assigned to the new request (2)

The screenshot shows the MDS software interface with the 'Recipient data' tab selected. The 'Part/Item No.' field is highlighted with a red box and a '2' callout. The 'Company specific' section is also highlighted with a red box and a '3' callout, showing a table with columns for Regulation, Regulation complied?, and Relevant data provided?.

Regulation	Regulation complied?	Relevant data provided?
Bosch PT	Yes	Please select appropriate value

1. Go to tab “Recipient data”
2. Bosch Part number does not need to be changed. It will take over automatically the new requested part numbers.
3. Confirm Bosch PT specific requirement

# Demo-5: Assign MDS

## 5. Save, check and send

The screenshot shows the CDX compliance.data.exchange interface. The top navigation bar includes 'MDS', 'Functions', 'Administration', and 'Help'. The main toolbar contains icons for 'Save' (1), 'Check' (2), and 'Send' (3). The 'Send' button is highlighted with a red circle. Below the toolbar, there are tabs for 'Sent MDSs', 'Ingredients \*', 'Supplier data', 'Recipient data \*', 'Analysis', and 'MDS Request'. The 'Supplier data' tab is active, showing a table with columns: Name, ID / Version, Node ID, and Status. The first row is 'Demo-5 Assign MDS' with ID '1110888' and Node ID '1110888'. Below the table, there are buttons for 'Release internally', 'Send', 'Propose', and 'Publish'. The 'Send' button is highlighted with a red circle. Below the table, there is a section for 'Bosch Group (PT - Power Tools) [335] edit mode (10/05/2020)'. On the right, there is a 'Details' panel with a 'Transfer Information' section. The details include: Company: Bosch Group [191], Organisation unit: PT - Power Tools [335], Recipient status: edit mode, Name: CardBox\_NEW\_Demo2, and Supplier Codes: Company Supplier Codes. There are also buttons for adding and removing additional names and supplier codes.

1. Save
2. Check
3. Send

# DEMO-6

CHANGE REJECTED MDS



# Demo-6: Change rejected MDS

## Search rejected MDS

**General / Date**

Name:

Internal number:

External number:

MDS ID:  all

Node ID:

Supplier Code:

Date:  transmitted (sent/proposed)

**Status**

Combined  all  open MDSs  none

Single  not yet browsed

browsed

accepted

rejected

modified

cancelled by sender

deactivated by recipient

**Recipient / Supplier**

Org Unit:

Recipient  Enable search by recipient

Recipient	Company / Org I
Recipient search is disabled.	
<input checked="" type="checkbox"/> Include all Org Units	

View  Menu  Export

Type	Name	ID / Version	Node ID	Internal number	transmitted	to comp. (Org Unit) [Company ID]	External number	Status	last status
	Demo Assign MDS Master Copy	1108716 / 0.01	1108716	S1234567899	7/6/2020	Bosch Group (PT - Power Tools) [335]	1234567899	rejected	10/1/2020
	Sticker	1106455 / 0.01	1106455	123456789	3/31/2020	Bosch Group (PT - Power Tools) [335]	1600A00ST9	rejected	4/7/2020

# Demo-6: Change rejected MDS

## Make changes: e.g. add exemptions

The screenshot shows the CDX compliance data exchange software interface. The 'Ingredients' tab is selected. A component named 'Demo Assign MDS Master Copy' is highlighted. The 'Regulations' section is expanded, showing a table of regulations. The 'Scope: Recipients' section is also expanded, showing a table of regulations. A red circle 5 highlights a double-click on a regulation entry in the REACH Annex XIV table.

Name	CAS No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material
Di-(2-ethylhex...	117-81-7		D	0.01	0.001%		0.000...	0.000...	Sub compon...
Naphthalene	91-20-3		D	0.01	0.001%		0.000...	0.000...	Sub compon...

Name	CAS No.	No.	Date	D/P	Limit value / Restrict	Threshold	Entry	Portion	Weight	Material
Di-(2-ethylhex...	117-81-7	4		P			E2009, ...	0.000...	0.000...	Sub compon...

Make any changes which are relevant for an acceptance.

Exemptions need to be added to each sub component separately!

1. Choose “Ingredients tab”
2. Choose the component/sub component
3. Click “Regulations”
4. Extend “Scope: Recipients”
5. Search all signs with the **e** and double click.  
Add the exemption (see slide 75-77, CDX-Supplier Manual V3.0)

# Q&A

CDX Log in web-site : <https://www.cdssystem.com/cdx>

CDX training material : <https://public.cdssystem.com/en/web/cdx/tutorials>

CDX Service support : [cdx-servicedesk@dxc.com](mailto:cdx-servicedesk@dxc.com)

**Contact @Bosch: BMDs (Bosch Material Data Service)**

- E-mail: [BMDs.Postbox@de.bosch.com](mailto:BMDs.Postbox@de.bosch.com)
- Phone number: +49 (391) 590-81-803

