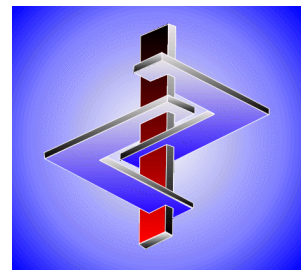

Information

PCN notification

DR Software



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Introduction:

According to Article 45 of the CLP Regulation, Importers and Downstream Users are required to report the chemical composition, and the chemical identity and concentration of the contents of products to the responsible national authority (i.e. BfR in Germany, NPIS in Great Britain). The national authorities transmit this data to the Poison Centers, so that in case of emergency, the emergency personnel have immediate access to the necessary information.

In order to standardize this process EU-wide, the CLP Regulation has been revised and the new Appendix VIII („*Harmonised information relating to emergency health response and preventative measures*“) was added.

In addition to a harmonized format for the notification of the information to the responsible authorities, a 16-digit **UFI-Code** (*Unique Formula Identifier*) has been implemented.

Products classified in class 2.5 (Gases under Pressure) and class 2.1 (Explosives), are exempt from this change.

Of significance are of course not just the data points to go with the submission, but also the generation of the dossier, as well as the manual vs. automatic submission of this dossier.

In our usual manner, we have worked diligently to not only implement these functions and requirements, but to implement them in such a way that the needs of our various users are met, the various options are available and the whole topic can be covered as automatically as possible in ChemGes. Due to the nature of the legislation and the ECHA requirements, it may seem rather daunting at first, but once the initial ECHA requirements are setup (for which we have provided various import and simplification options), the day-to-day dossier submission, will be exponentially simpler.

Important Data:

Note: If all default values are entered accordingly in the various screens as described below, the automatism is highly aided and future data can be automatically assigned. Other necessary data is taken directly from the database and SDS information of each applicable substance.

A. Company:

Various pieces of information related to the company, are needed for the UFI generation, the dossier creation and the dossier submission. For that reason, we have 3 different company options in ChemGes, thus covering the various needs pertaining to company data.

In the *Country specific classifications* screen, by clicking into the field *Company*, you can open the *Maintenance of companies*. Here, you will find 2 types of company fields, those that are *Only created for UFI* and those that are taken *From SDS phrases*.

Country specific classifications

File Edit Help (52.1.14)

Basic screen Formulation Physical data Country specific classifications Transport

Seveso III: Qualified quantities: 10 t, 50 t, Categories: P2, E2

Annex XVII REACH (Restrictions) 3, 48

Waste # 08 01 11* Relevant waste hazards HP3, HP4, HP5, HP10, HP13, HP14

Cosmetic product according to Regulation 1223/2009/EC Leave-on Product

Detergent Regulation: Fragrance Essential oil Dye

UFI and PCN notification

14 Company DR-Software GmbH

UFI Code

Maintenance of companies

File Edit Help (52.1.14)

Company	UID	
Creation of a company with VATIN or company number		
No company assigned for this substance		
DR-Software GmbH Grossmittelstrasse 32 2601 Sollenau Austria manuela.dukeshire@dr-software.com +43 02628 61900		Only created for UFI
Chemix GmbH Chemixstraße 17 5020 Salzburg Austria info@dr-software.com 0043/662/21 22 23		From SDS phrases (1)
Chemix GmbH Chemixstrasse 2 520 Salzburg 0043/662/212223		From SDS phrases (2)
New Address		From SDS phrases (7)
New address		From SDS phrases (8)

[Esc] Exit [Ctrl +] or [Right click] Maintenance [1-7] Selection [Ctrl+A-Z,1-9,0] Search

Waste Designated Workplace Municipal

Coating VOC value: 536,3 g/l 53,63 % Wood preservative

For both of these, the *Company settings* field and thus the required information (identified by an asterisk *) are the same. The details are automatically adopted from the SDS phrase, if applicable and available.

Company settings

File Edit Help (52.1.17)

1 Company name DR-Software GmbH *

2 VATIN ATU20509000 *

3 Address 1 Grossmittelstrasse 32 *

4 Address 2

5 Postal code 2601 * Town Sollenau *

7 Country A Austria *

8 email info@dr-software.com *

9 Telephone +43 02628 61900 *

10 UUID ECHA-7e258704-6bb8-428a-a72b-6c21dd6ffb01

11 Default company

12 Internal counter for the calculation of the UFI 967

* input mandatory

[Esc] Exit [Ctrl D] Transfer data from an ECHA Legal Entity [Alt Delete] Delete


[Ctrl E] Export for the import in the ECHA PCN portal [Ctrl I] UUID and S₂S setup

A few important points here are:

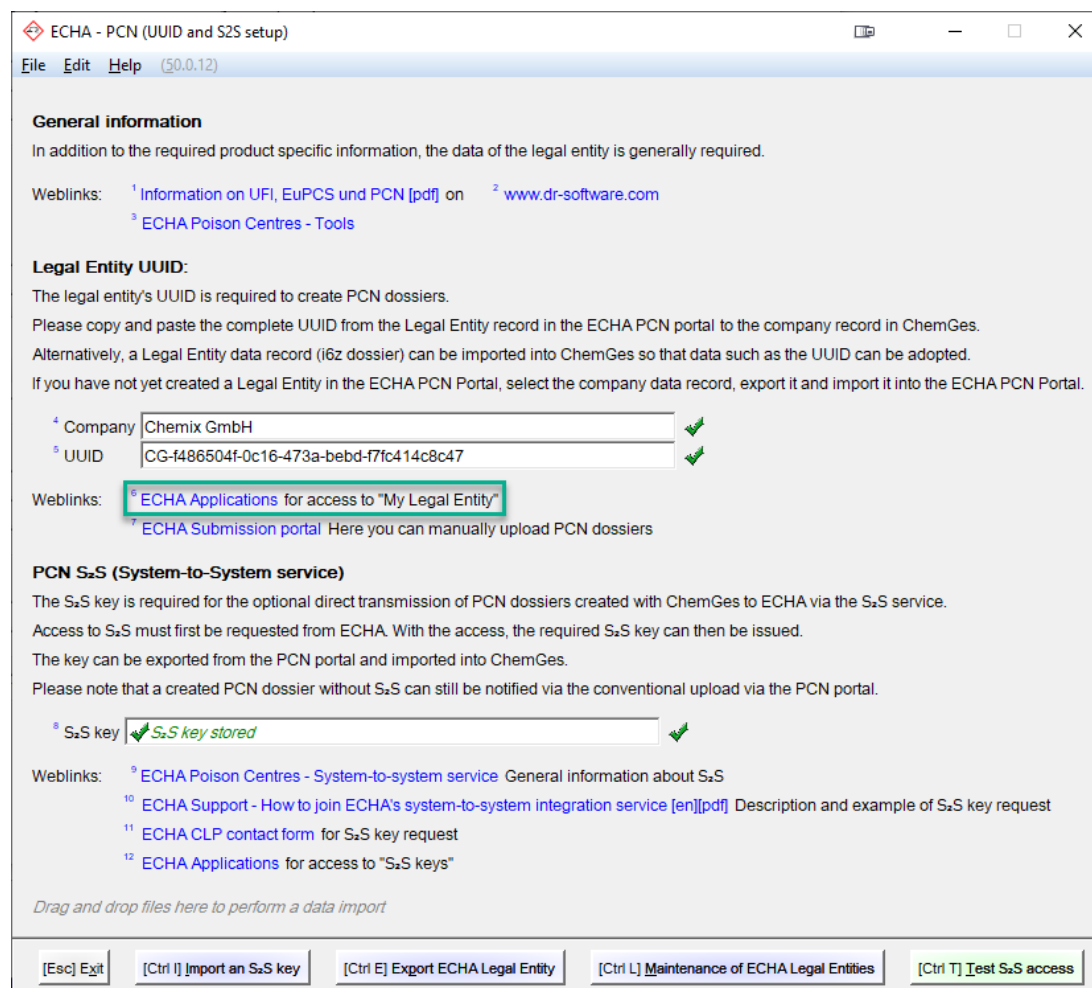
- The **VATIN** is required for generating a UFI.
- The **VATIN** must comply with the regulations of the corresponding country and the logical structure of the VATIN is also checked.
- A **default** company can be defined. The company that is defined as the default company, will be used automatically, when no other company has been assigned to a preparation.

- If no **default** company is defined, or a company is allocated that does not have a **VATIN** entered, then the UFI will not be generated until the necessary information is manually allocated.

The **UUID** must be aligned with that from the ECHA Legal Entity from the ECHA-PCN Portal.

- Please copy this number, including the prefix (i.e. „ECHA-xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx“) into the corresponding UUID Field in the customer data.
- By clicking the  symbol next to line 10 UUID you can choose a UUID or
- Alternatively, it is possible to import the company data as well as the UUID, into ChemGes, or export this data for the creation of ECHA Legal Entities. (see instructions below)

The link **ECHA Applications** (<https://poisoncentres.echa.europa.eu/de/tools>) allows you quick access to the ECHA-page (*My Legal Entity*), for the purpose of registering an ECHA Legal Entity.



General information

In addition to the required product specific information, the data of the legal entity is generally required.

Weblinks: ¹ Information on UFI, EuPCS und PCN [pdf] on ² www.dr-software.com
³ [ECHA Poison Centres - Tools](#)

Legal Entity UUID:

The legal entity's UUID is required to create PCN dossiers.

Please copy and paste the complete UUID from the Legal Entity record in the ECHA PCN portal to the company record in ChemGes.

Alternatively, a Legal Entity data record (i6z dossier) can be imported into ChemGes so that data such as the UUID can be adopted.

If you have not yet created a Legal Entity in the ECHA PCN Portal, select the company data record, export it and import it into the ECHA PCN Portal.

⁴ Company ✓

⁵ UUID ✓

Weblinks: ⁶ [ECHA Applications](#) for access to "My Legal Entity"
⁷ [ECHA Submission portal](#) Here you can manually upload PCN dossiers

PCN S2S (System-to-System service)

The S2S key is required for the optional direct transmission of PCN dossiers created with ChemGes to ECHA via the S2S service.

Access to S2S must first be requested from ECHA. With the access, the required S2S key can then be issued.

The key can be exported from the PCN portal and imported into ChemGes.

Please note that a created PCN dossier without S2S can still be notified via the conventional upload via the PCN portal.

⁸ S2S key ✓

Weblinks: ⁹ [ECHA Poison Centres - System-to-system service](#) General information about S2S
¹⁰ [ECHA Support - How to join ECHA's system-to-system integration service \[en\]\[pdf\]](#) Description and example of S2S key request
¹¹ [ECHA CLP contact form](#) for S2S key request
¹² [ECHA Applications](#) for access to "S2S keys"

Drag and drop files here to perform a data import

[Esc] Exit [Ctrl I] Import an S2S key [Ctrl E] Export ECHA Legal Entity [Ctrl L] Maintenance of ECHA Legal Entities [Ctrl T] Test S2S access

(Screen **ECHA – PCN (UUID and S2S setup)** accessed via **UUID and S2S setup** from the screens **Company settings, PCN data, Options for the UFI, EuPCS and PCN notification** and through **Maintenance programs – Program adjustments – Options for the UFI, EuPCS and PCN notification**.)

If an ECHA Account has been generated and a legal entity is available in the portal, use the UUID of the **ECHA legal entity** entered in the ECHA-PCN-Portal. This **UUID** must be entered into the ChemGes company entry, from the dataset of the **ECHA Legal Entity** in the ECHA-PCN-Portal. This can be done

manually or can be imported as a *Legal Entity*-Dataset (*i6z-Dossier*) into ChemGes. Import into ChemGes is done via **[Ctrl D]** (see next image):

Company settings (52.1.17)

1 Company name DR-Software GmbH *

2 VATIN ATU20509000 *

3 Address 1 Grossmittelstrasse 32 *

4 Address 2

5 Postal code 2601 * 6 Town Sollenau *

7 Country A Austria *

8 email info@dr-software.com *

9 Telephone +43 02628 61900 *

10 UUID ECHA-7e258704-6bb8-428a-a72b-6c21dd6ffb01 *

11 Default company

12 Internal counter for the calculation of the UFI 967

* input mandatory

[Esc] Exit [Ctrl D] Transfer data from an ECHA Legal Entity [Alt Delete] Delete

[Ctrl E] Export for the import in the ECHA PCN portal [Ctrl I] UUID and S2S setup

Then you choose the Legal Entity that you wish to import.

ECHA - Legal Entities (50.0.11)

UUID	Name	VAT number	S2S key
Create a new ECHA Legal Entity			
Import ECHA Legal Entity			
Import an S2S key			
ECHA-550e8400-e29b-11d4-a716-446655440000	Firmenname XY	ATU20509000	

Drag and drop files here to perform a data import

[Esc] Exit [1-4] Selection

These ECHA Legal Entities from which you can choose, must first be imported or entered into ChemGes. This is done by clicking **[Ctrl L]** **Maintenance of ECHA Legal Entities** within the *ECHA – PCN (UUID and S2S setup)* screen.

ECHA - PCN (UUID and S2S setup)

File Edit Help (50.0.12)

General information
In addition to the required product specific information, the data of the legal entity is generally required.

Weblinks: ¹ Information on UFI, EuPCS und PCN [pdf] on ² www.dr-software.com
³ ECHA Poison Centres - Tools

Legal Entity UUID:
The legal entity's UUID is required to create PCN dossiers.
Please copy and paste the complete UUID from the Legal Entity record in the ECHA PCN portal to the company record in ChemGes.
Alternatively, a Legal Entity data record (i6z dossier) can be imported into ChemGes so that data such as the UUID can be adopted.
If you have not yet created a Legal Entity in the ECHA PCN Portal, select the company data record, export it and import it into the ECHA PCN Portal.

⁴ Company Chemix GmbH ✓
⁵ UUID CG-f486504f-0c16-473a-bebd-f7fc414c8c47 ✓

Weblinks: ⁶ ECHA Applications for access to "My Legal Entity"
⁷ ECHA Submission portal Here you can manually upload PCN dossiers

PCN S2S (System-to-System service)
The S2S key is required for the optional direct transmission of PCN dossiers.
Access to S2S must first be requested from ECHA. With the access to S2S, the key can be exported from the PCN portal and imported into ChemGes.
Please note that a created PCN dossier without S2S can still be maintained.

⁸ S2S key ✓ S2S key stored

Weblinks: ⁹ ECHA Poison Centres - System-to-system service
¹⁰ ECHA Support - How to join ECHA's system-to-system service
¹¹ ECHA CLP contact form for S2S key request
¹² ECHA Applications for access to "S2S keys"

Drag and drop files here to perform a data import

[Esc] Exit [Ctrl I] Import an S2S key [Ctrl E] Export ECHA Legal Entity [Ctrl L] Maintenance of ECHA Legal Entities [Ctrl T] Test S2S access

ECHA - Legal Entities

File Edit Help (50.0.12)

UUID	Name	VAT number	S2S key
Create a new ECHA Legal Entity			
Import ECHA Legal Entity			
Import an S2S key			
ECHA-7e258704-6bb8-428a-a72b-6c21dd6ffb01	DR Software GmbH		✓
CG-f486504f-0c16-473a-bebd-f7fc414c8c47	DR Software GmbH	ATU20509000	✓

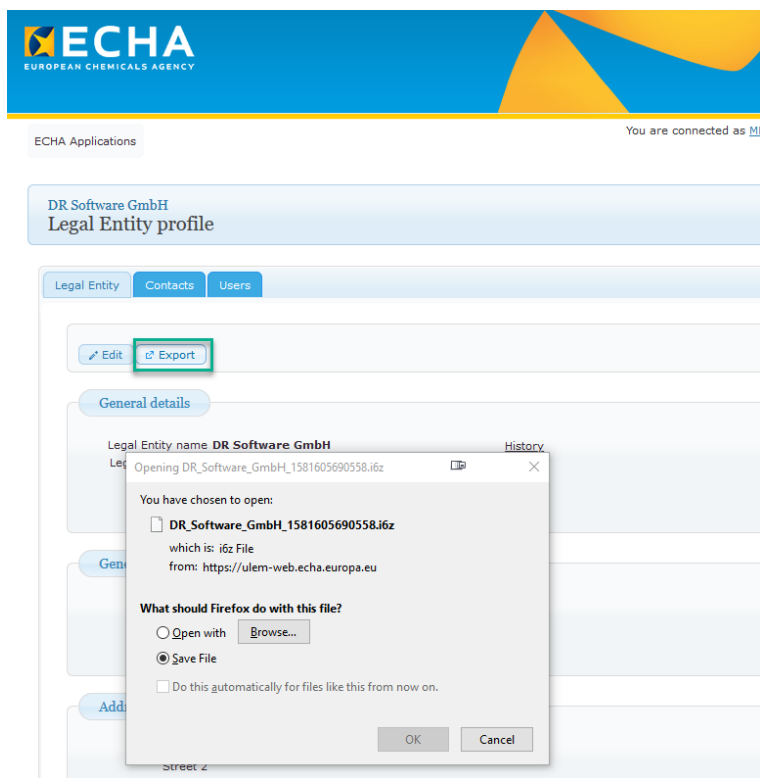
Drag and drop files here to perform a data import

[Esc] Exit [1-5] Selection

(Screen *ECHA – PCN (UUID and S2S setup)* accessed via **[Ctrl I]** *UUID and S2S setup* from the screens *Company settings, PCN data, Options for the UFI, EuPCS and PCN notification* and through *Maintenance programs – Program adjustments – Options for the UFI, EuPCS and PCN notification*.)

Note: Import files can be pulled into the screen *ECHA-PCN (UUID and S2S setup)* via *Drag and Drop*.

The file that is need for this import, is generated via the button *Export*, on the ECHA website:

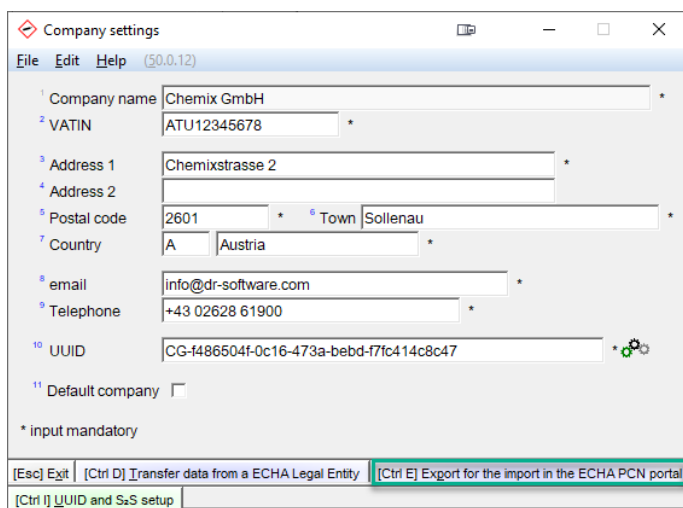


(Log into your ECHA Account and access *My Legal Entity*, in the top right corner.

If no ECHA Account has been generated or the ECHA Legal Entity is not yet available in the portal, you can export the company entry of the ECHA Legal Entity, from ChemGes, in order to upload it into the ECHA portal, when setting up the Legal Entity.


ChemGes generates a UUID that starts with “CG“. This UUID is sent to ECHA, with the upload of the Legal Entity dataset. It is then not necessary to manually generate the ECHA Legal Entity in the ECHA portal.

Export from ChemGes occurs by pressing **Ctrl E** (see next image), for the import into the portal.



This generates an .i6z which you can then import following the depicted steps, into your ECHA account:

An agency of the European Union



EUROPEAN CHEMICALS AGENCY

You are connected as [redacted] | [Logout](#)
Last Login: 24/01/2020 00:20:11

ECHA Applications

> [ECHA websites](#)

Need access to more applications?

You have to associate your account with a legal entity

> **Create a new legal entity**

> My legal entity is already registered

To associate this account with a legal entity, communicate the username and email address to the legal entity manager.

An agency of the European Union



EUROPEAN CHEMICALS AGENCY

ECHA Applications

You are connected as [redacted] | [Logout](#)
Last Login: 24/01/2020 00:20:11

Create Legal Entity

In order to use ECHA's submission systems you need to provide your Legal Entity's details, contact information, users, etc. Please continue by selecting either Encode Legal Entity or Import IUCLID format file below

Import IUCLID format file: If you already have a legal entity definition file in IUCLID exchange format (also known as the LEOX file format), and if you want to have the same UUID for your legal entity definition as for your IUCLID LEOX, you should import your LEOX. Upon successful validation of the imported file, you will be redirected to the Legal Entity profile screens to review / update imported details as well as to enter additional details.

Encode Legal Entity: If you do not have any IUCLID format file or do not intend to get one, you may encode your Legal Entity information.

Import IUCLID format file
 Encode Legal Entity

An agency of the European Union



EUROPEAN CHEMICALS AGENCY

ECHA Applications

You are connected as MDukeshire | [Logout](#)
Last Login: 24/01/2020 00:20:11

Import IUCLID format file

If you already have a legal entity definition file in IUCLID exchange format (also known as the LEOX file format), and if you want to have the same UUID for your legal entity definition as for your IUCLID LEOX, you should import your LEOX.

Upon successful validation of the imported file, you will be redirected to the Legal Entity profile screens to review / update imported details as well as to enter additional details.

File name

B. UUID:

The UUID is the *Universal Unique Identifier*, with a prefix and the following alphanumeric structure - xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx. The prefix can be, for example, "ECHA", if the UUID

comes from ECHA, “IUC5” to identify those from IUCLID 5, or “CG”, if it comes from ChemGes. The UUID is discussed in further detail in the **company** topic (see page 1).

C. S₂S key:

The S₂S key must be requested via the ECHA-PCN-Portal and adopted into the data set of the corresponding ECHA Legal Entity, in ChemGes.

The key can be exported from the ECHA-PCN-Portal and imported into ChemGes by pressing Ctrl I **Import an S₂S key**.

ECHA - PCN (UUID and S2S setup)

File Edit Help (5.0.0.12)

General information
In addition to the required product specific information, the data of the legal entity is generally required.

Weblinks: ¹ Information on UFI, EuPCS und PCN [pdf] on ² www.dr-software.com
³ ECHA Poison Centres - Tools

Legal Entity UUID:
The legal entity's UUID is required to create PCN dossiers.
Please copy and paste the complete UUID from the Legal Entity record in the ECHA PCN portal to the company record in ChemGes.
Alternatively, a Legal Entity data record (i6z dossier) can be imported into ChemGes so that data such as the UUID can be adopted.
If you have not yet created a Legal Entity in the ECHA PCN Portal, select the company data record, export it and import it into the ECHA PCN Portal.

⁴ Company: Chemix GmbH ✓
⁵ UUID: CG-f486504f-0c16-473a-bebd-f7fc414c8c47 ✓

Weblinks: ⁶ ECHA Applications for access to "My Legal Entity"
⁷ ECHA Submission portal Here you can manually upload PCN dossiers

PCN S₂S (System-to-System service)
The S₂S key is required for the optional direct transmission of PCN
Access to S₂S must first be requested from ECHA. With the access
The key can be exported from the PCN portal and imported into ChemGes.
Please note that a created PCN dossier without S₂S can still be no

⁸ S₂S key: ✓ S₂S key stored

Weblinks: ⁹ ECHA Poison Centres - System-to-system service
¹⁰ ECHA Support - How to join ECHA's system-to-system
¹¹ ECHA CLP contact form for S₂S key request
¹² ECHA Applications for access to "S₂S keys"

Drag and drop files here to perform a data import

[Esc] Exit [Ctrl I] Import an S₂S key [Ctrl E] Export ECHA Legal Entity [Ctrl L] Maintenance of ECHA Legal Entities [Ctrl T] Test S₂S access

ECHA - Legal Entities

File Edit Help (5.0.0.12)

UUID	Name	VAT number	S ₂ S key
Create a new ECHA Legal Entity			
Import ECHA Legal Entity			
Import an S₂S key			
ECHA-7e258704-6bb8-428a-a72b-6c21dd6ffb01	DR Software GmbH		✓
CG-f486504f-0c16-473a-bebd-f7fc414c8c47	DR Software GmbH	ATU20509000	✓

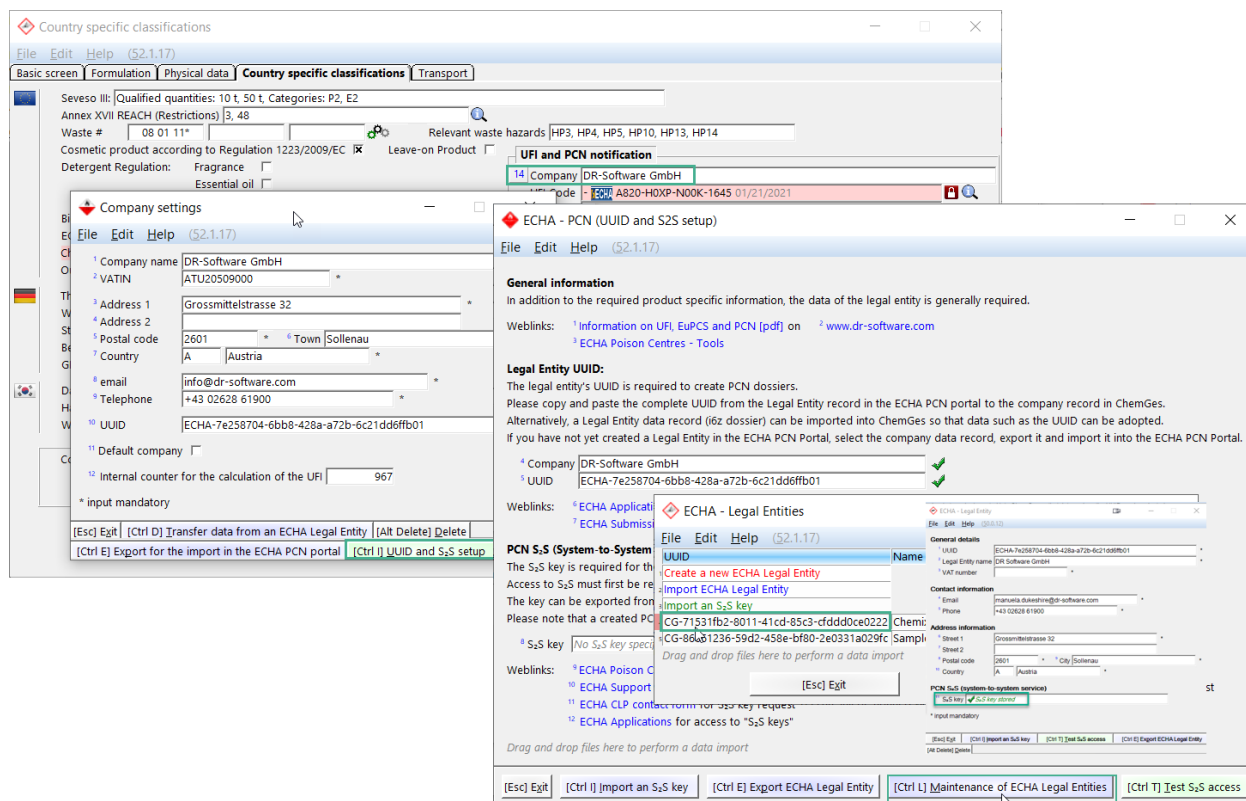
Drag and drop files here to perform a data import

[Esc] Exit [1-5] Selection

(Screen **ECHA – PCN (UUID and S₂S setup)** accessed via Ctrl I **UUID and S₂S setup** from the screens **Company settings, PCN data, Options for the UFI, EuPCS and PCN notification** and through **Maintenance programs – Program adjustments – Options for the UFI, EuPCS and PCN notification**.)

Note: Import files can be dragged into the **ECHA-PCN (UUID and S₂S setup)** screen using *Drag and drop*.

Once imported or stored, the S₂S key is not visually output, in order to preserve its confidentiality, as ECHA does as well.



Access via the S₂S-Service must be requested through ECHA. This can be done using the link:

ECHA CLP contact form (<https://echa.europa.eu/de/contact/clp>).

A detailed description of the steps necessary for this, can be found under the link:

ECHA Support – How to join ECHA’s system-to-system integration service (https://poisoncentres.echa.europa.eu/documents/22284544/22295820/How_to_join_ECHAs_S2S.pdf/c87e6225-8463-9103-1fce-090797d2609c).

Please note, that at this time, this ECHA-provided document is only available in English.

General information regarding the S₂S-Service is retrievable with the link:

ECHA Poison Centres – System-to-system service (<https://poisoncentres.echa.europa.eu/de/system-to-system-service>)

The S₂S key can be accessed for export and consequent import, using the link:

ECHA Applications (<https://idp-industry.echa.europa.eu/idp/applications>)

General information

In addition to the required product specific information, the data of the legal entity is generally required.

Weblinks: ¹ [Information on UFI, EuPCS und PCN \[pdf\]](#) on ² www.dr-software.com
³ [ECHA Poison Centres - Tools](#)

Legal Entity UUID:

The legal entity's UUID is required to create PCN dossiers.

Please copy and paste the complete UUID from the Legal Entity record in the ECHA PCN portal to the company record in ChemGes.

Alternatively, a Legal Entity data record (i6z dossier) can be imported into ChemGes so that data such as the UUID can be adopted.

If you have not yet created a Legal Entity in the ECHA PCN Portal, select the company data record, export it and import it into the ECHA PCN Portal.

⁴ Company ✓
⁵ UUID ✓

Weblinks: ⁶ [ECHA Applications](#) for access to "My Legal Entity"
⁷ [ECHA Submission portal](#) Here you can manually upload PCN dossiers

PCN S₂S (System-to-System service)

The S₂S key is required for the optional direct transmission of PCN dossiers created with ChemGes to ECHA via the S₂S service.

Access to S₂S must first be requested from ECHA. With the access, the required S₂S key can then be issued.

The key can be exported from the PCN portal and imported into ChemGes.

Please note that a created PCN dossier without S₂S can still be notified via the conventional upload via the PCN portal.

⁸ S₂S key ✓

Weblinks: ⁹ [ECHA Poison Centres - System-to-system service](#) General information about S₂S
¹⁰ [ECHA Support - How to join ECHA's system-to-system integration service \[en\]\[pdf\]](#) Description and example of S₂S key request
¹¹ [ECHA CLP contact form](#) for S₂S key request
¹² [ECHA Applications](#) for access to "S₂S keys"

Drag and drop files here to perform a data import

[Esc] Exit [Ctrl I] Import an S₂S key [Ctrl E] Export ECHA Legal Entity [Ctrl L] Maintenance of ECHA Legal Entities [Ctrl T] Test S₂S access

(Screen ECHA – PCN (UUID and S₂S setup) accessed via UUID and S₂S setup from the screens Company settings, PCN data, Options for the UFI, EuPCS and PCN notification and through Maintenance programs – Program adjustments – Options for the UFI, EuPCS and PCN notification.)

The Weblinks under **PCN S₂S (System-to-System service)** will assist you in setting up your S₂S key and access. Click the option **ECHA CLP contact form** in order to fill out and send the request:



Contact - CLP

Your request

Request type *

Annex VIII – Poison Centres

Topic *

Request for System to System (S2S) integration ac

Question *

I want my Legal Entity to have access to the System to System service provided by ECHA in the context of Poison Centres Notifications. The details of the Legal Entity are the following:

Username of my ECHA account is: (User name)
Legal Entity UUID: (Legal Entity UUID)
Legal Entity Name: (Legal Entity Name)

Our S2SAPI requests will be performed by our own self-developed software.

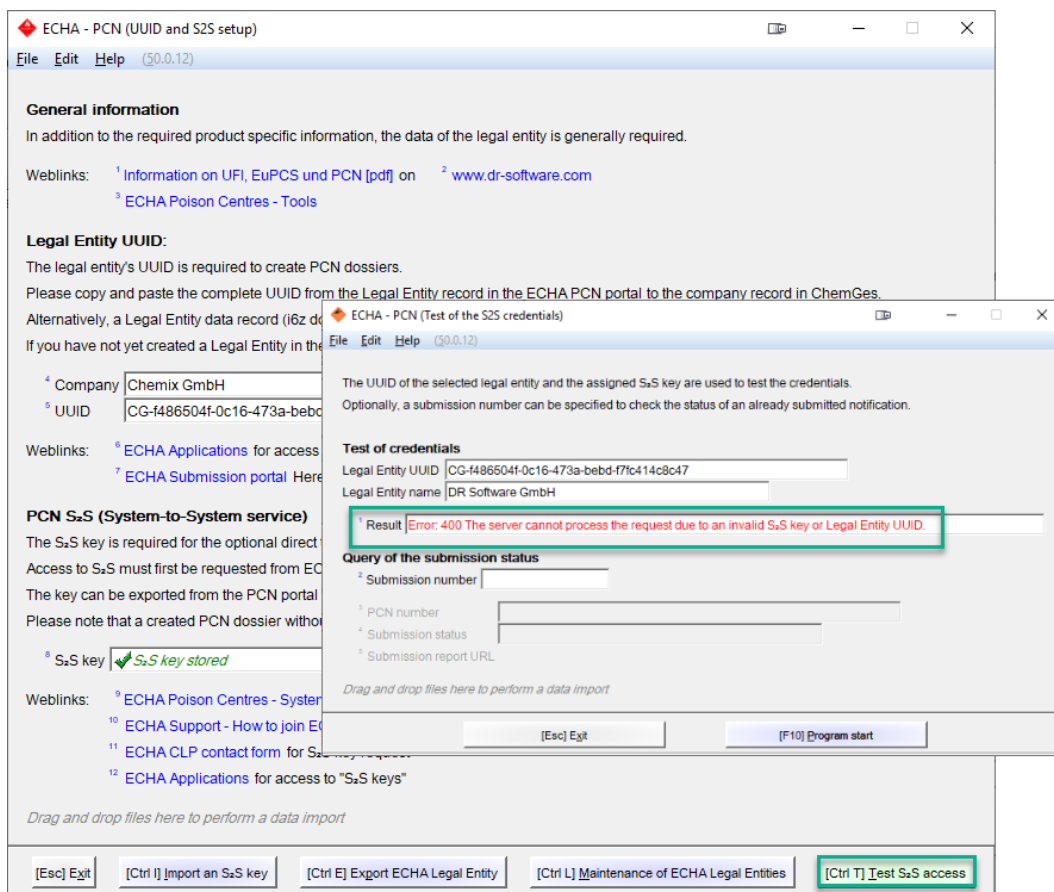
Descripton cannot exceed 350 characters

Please attach any additional information that you consider relevant. File size must not exceed 5MB (accepted formats doc, docx, pdf, xls, xlsx and zip).

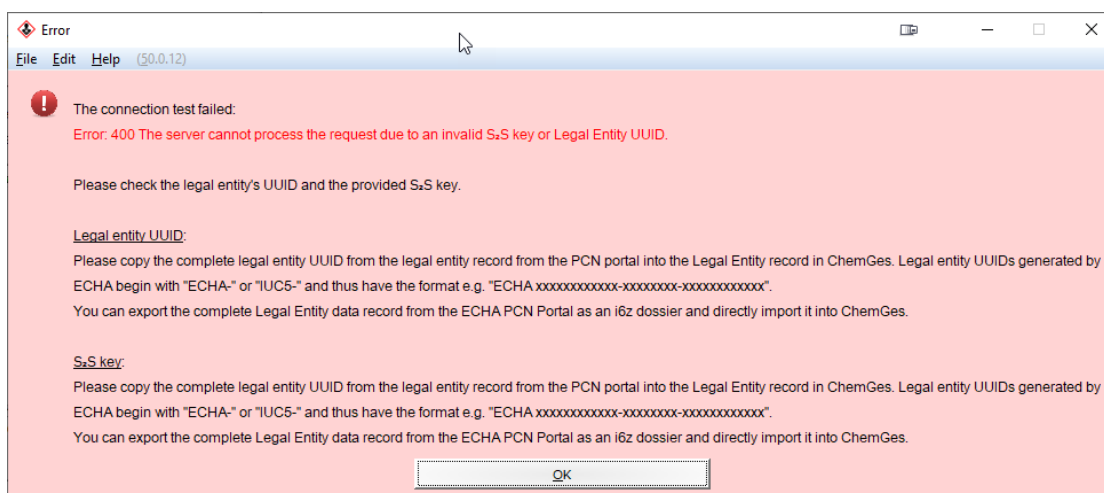
Add attachment Browse Add attachment Browse

Add attachment Browse

Here you can test your S₂S credentials before proceeding. If the credentials do not pass, ChemGes will inform you of the detailed reasoning.



(Screen *ECHA – PCN (UUID and S2S setup)* accessed via **Ctrl I** *UUID and S₂S setup* from the screens *Company settings, PCN data, Options for the UFI, EuPCS and PCN notification* and through *Maintenance programs – Program adjustments – Options for the UFI, EuPCS and PCN notification.*)



D. EuPCS:

EuPCS stands for *European Product Categorisation System* and describes the intended uses of a product, for which a submission, according to Article 45 and Annex VIII (*Submission to the European Poison Centers*) of the CLP, must be done.

The EuPCS can either be selected manually or output automatically in the screen *Country specific classifications (Maintenance of preparations)*.

The screenshot displays the 'Country specific classifications' tab in the ChemGes software. The interface is organized into several sections with numbered fields:

- Seveso III:** Qualified quantities: 50 t, 200 t, Category: H2
- Annex XVII REACH (Restrictions):** 5, 28, 29, 72
- Waste #:** 03 01 05
- Relevant waste hazards:** HP6, HP7, HP8, HP11, HP13
- Detergent Regulation:**
 - Fragrance:
 - Essential oil:
 - Dye:
- Cosmetic product according to Regulation 1223/2009/EC:** Leave-on Product:
- Biocidal Products Regulation:**
 - UFI code and EUPCS: 11 Company: DR Software GmbH
 - Code: UM90-209U-J00T-XKFN
 - EuPCS: PC-ADH-1 (highlighted in green)
 - Contains unknown ingredients:
- ECHA notification:** 1111122222
- Chemical Safety Assessment available:**
- WHC (Water hazard class):** 3
- Storage class (LGK) acc. to TRGS510:** 6.1 C
- VbF:** BetrSichV
- The product is subject to annex 2 of the ChemVerbotsV:**
- GISCode (BG BAU):** BS10 Anti-corrosive paints, water-based, solvent content <= 5 %
- ABM (Z(1)):** MAL-Code: 5-6
- Waste #:** 55,503
- Waste #:** 03 03 05
- Dangerous Substances and Quantity of Dangerous Substances:** 4; 200
- Hazardous Substances Subject to Special Control:** 117
- Waste Designated:**
- Workplace:**
- Municipal:**
- Coating:** VOC value:

<input type="text"/>	g/l	<input type="text"/>	%
<input type="text"/>	g/l	<input type="text"/>	%
<input type="text"/>	%	<input type="text"/>	%
- Wood preservative:**

At the bottom, there is a footer with keyboard shortcuts: [Esc] Egd, [F4] Ppintout of documentation for WHC, [Ctrl W] Water hazardous contents, [Ctrl A] ABM (NL) contents, [Ctrl S] Solvents, [Ctrl M] MAL code contents, [Ctrl X] Ingredients Annex XVII, [Ctrl R] Registry numbers.

ChemGes provides different ways for automating EuPCSs. These are found in the screen *Options for UFI, EuPCS and PCN notification*.

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

UFI:

1 Transfer UFI from other preparations if they consist of 100% of this other preparation

2 Separate UFI code for each variant

3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical

4 Separate PCN notification per UUID if different companies are used for variants 5 UID and UUID do not have to match

6 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)

7 Calculation of UFI also for non-hazardous preparations

8 Prefer notified UFI for the output in documents 9 If no notification has been issued yet, do not output anything

EuPCS:

10 Allocations 10 Flags PC-DET-1.OTH, PC-CLN-3

11 Article groups PC-TEC-18, PC-CLN-10.3

12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)

13 Uses PC-CLN-7 – Window cleaner

14 PC-Codes PC26 – PC-FUE-2

15 Otherwise, and if no code from the SDS could be determined F

16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)

17 Only the preferred codes should be displayed (to keep the list as short as possible)

18 Sort order in the overviews Code

Transfer of flags / article groups Adoption of already defined EuPCSs for preparations

19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

20 Defaults for the packaging: Use defaults only for variants (Substances that are not variants are considered unpackaged)

21 Solids box 1 n.a., packet 2,5 g

22 Liquids bottle 10 mL, jug 1 n.a.

23 Aerosols tank 1 n.a., aerosol can 1 n.a.

24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to Industry Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)


28 Default pH value (This value is used if no pH value is defined for a product)

29 Fill liquid recipes <70% to 100% with water

30 Output of ranges Exact values The numbers are fitted into the ranges graduated from highes to lowest levels (80-100, 60-80, 40-60, ..., ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[↵, Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UUID and S2S setup

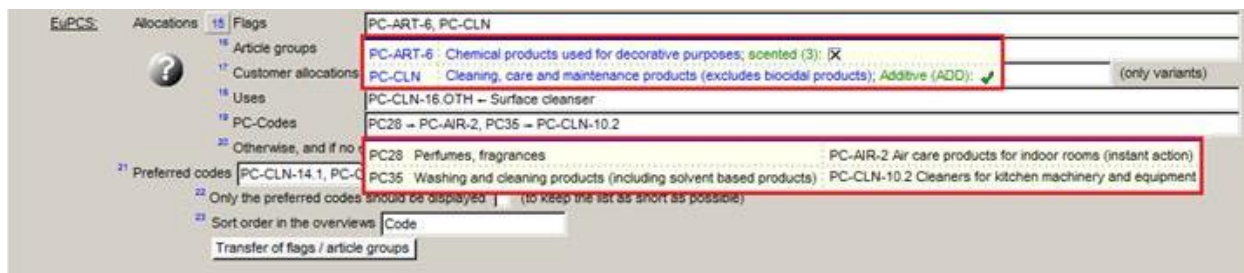
(Screen *Options for UFI, EuPCS and PCN notification* accessed via *Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification* or by pressing  in PCN related screens)

Flags are used by some users. Here you can allocate various flags that you have assigned to substances, to one EuPCS. With this, it should be possible to cover just about everything

Variants do not have an option for assigning flags. This is not an oversight in the program, but was left out intentionally, as the use of flags for variants would lead to such extreme complexity due to the various levels of impact, that it becomes no longer manageable by the user.

If your ERP or other system does have flags or equivalent markings, ChemGes also has a solution for that; further information can be found below (Option **Transfer of flags / article groups**).

Note: When hovering the mouse over the various fields, you can access additional information.
Example:



Article groups can be used for the main substance as well as for variants.

Customer allocations are only available for **Variants**. These customer allocations are mainly used for variants in order to sell special product groups under a different company name.

If an SDS has been created, then it is possible to pull information from there.

As there exist many more **Uses** than PC Codes, it is possible to also make allocations for these.

Not all EuPCS codes can be allocated to **PC Codes** and some of the allocations are not definitive. Therefore, you can define your own allocations, which will take precedence.

If none of these definitions lead to a result, then the field **Otherwise, and if no code from the SDS could be determined**, can be used to define a default setting for all other cases.

Note that the EuPCS is determined dynamically if it is not locked. This means that every change of the above stated fields can lead to an immediate change of the EuPCS.

Information on the order of the EuPCS selection

(Up to 4 EuPCS codes are selected – 1 main code and 3 additional)

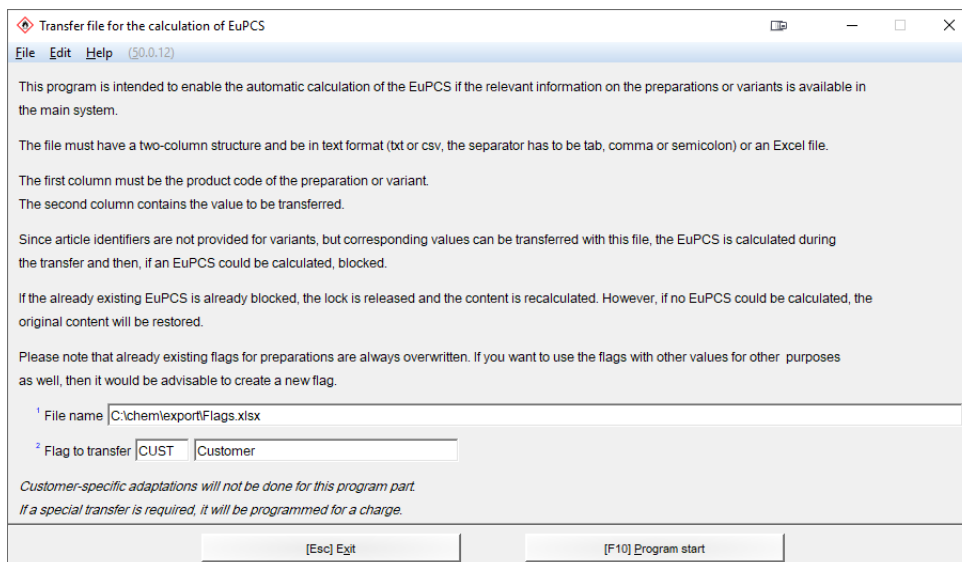
- If special **flags** with EuPCS assignments have been defined, the allocation of the first occurrence of a flag is taken from the respective preparation. Since variants do not have a flag, these allocations cannot be used for variants.
- If no allocation could be made for a flag, then the allocated **article groups** are searched. This works both for the main substance and for variants, since article groups can also be defined for variants.
- The next level is the assignment of **suppliers**, which is only used for variants, in case that address allocations have been made there.
- If nothing is found there as well, existing **SDSs** will be searched. The procedure is two-stage, whereby in the first stage all selected **PC codes** (*REACH product categories*) are checked as to whether there is a self-selected allocation to an EuPCS. Only if nothing is found, will the second pass use an ECHA allocation (from the ECHA conversion guide). If ECHA has more than one allocation to a specific PC code, the self-created table of preferred EuPCS codes is searched. If there is a matching entry within the multiple selections of ECHA, then this one is used, otherwise the first entry in the multiple entries of ECHA is used.
- If this could not be done, then the '**else**' code will be used.

- For **variants**, if no special code for the variant could be determined, the code of the main substance is used. However, the 'else' code for variants is only used if it would also be allocated to the main substance.

As there are 240 codes, and the selection can thus not be overly clear, you can define in the field **Preferred codes**, which EuPCSs are to be used in your company. Via the option **Only the preferred codes should be displayed**, you can additionally define whether only the reduced list (*activated*), or the complete list with the preferred codes (*deactivated*), is to be displayed in the beginning.

Button **Transfer of flags / article groups**:

For users that use flags or equivalent identifiers, but have not entered these into ChemGes, or have the flags for variants in their main system, we have created a function to transfer these via a file import. Detailed information regarding this import can be found after clicking on this option (see next image):



E. UFI:

The UFI is an unambiguous, alphanumeric code, that is used to precisely identify products and is to be stated on labels and in certain situations on SDSs. This code connects the product on the market with the information transmitted to the poison centres and thus facilitates the fast transfer of information to emergency personnel, in case of emergency. As the name implies, UFIs can only exist for formulations. No UFIs are calculated for raw materials.

The UFI can be found in the *Country specific classifications* screen.

File Edit Preparation screens Help (50.0.12)

Basic screen Formulation Physical data Flammability **Country specific classifications** Transport

¹ Seveso III: Qualified quantities: 50 t, 200 t, Category: H2

² Annex XVII REACH (Restrictions) 5, 28, 29, 72

Waste # ³ 03 01 05 ⁴ Relevant waste hazards HP6, HP7, HP8, HP11, HP13

Detergent Regulation: ⁵ Fragrance ⁶ Essential oil ⁷ Dye

⁸ Cosmetic product according to Regulation 1223/2009/EC ⁹ Leave-on Product

¹⁰ Biocidal Products Regulation

UFI code and EUPCS: ¹¹ Company DR Software GmbH ¹² Contains unknown ingredients

¹³ Code UM90-209U-J00T-XKFN ¹⁴ EUPCS PC-ADH-1

¹⁵ ECHA notification 11111222222

¹⁶ Chemical Safety Assessment available

¹⁷ WHC (Water hazard class) 3 ¹⁸ Storage class (LGK) acc. to TRGS510 6.1 C

VbF BetrSichV

¹⁹ The product is subject to annex 2 of the ChemVerbotsV

²⁰ GISCode (BG BAU) BS10 Anti-corrosive paints, water-based, solvent content <= 5 %

²¹ ABM (Z(1)) ²² MAL-Code 5-6 ²³ Waste # 55,503 ²⁴ Waste # 03 03 05

VbF

²⁵ Dangerous Substances and Quantity of Dangerous Substances 4: 200

²⁶ Hazardous Substances Subject to Special Control 117

Waste ²⁷ Designated ²⁸ Workplace ²⁹ Municipal

³⁰ Coating VOC value: ³¹ g/l ³² % ³³ Wood preservative

³⁴ g/l ³⁵ %

[Esc] Egd [F4] Printout of documentation for WHC [Ctrl W] Water hazardous contents [Ctrl A] ABM (NL) contents [Ctrl S] Solvents [Ctrl M] MAL code contents [Ctrl X] Ingredients Annex XVII

[Ctrl R] Registry numbers

Entering UFI:

UFIs can be manually entered in the *Country specific classifications* screen and remain locked until the lock is manually removed. This is useful for applying the UFI of a supplier.

Via the button , it is possible to calculate a new UFI at any time.

UFI code: Company Chemix GmbH Chemixstrasse 17 A-50

¹² Code KF00-W0FC-7006-40VT

ECHA notification [F1] Calculation of a new UFI code

Automatic generation of UFIs:

Once you have assigned a company to your substance, for which a VATIN is entered, the UFI is automatically generated, unless it is locked (see above). Since an UFI is generated based on the VATIN, any time the VATIN data changes, the UFI changes. In addition, if there are changes to the composition of the preparation, ChemGes automatically changes the UFI, as per legislative requirement.

If the option **No recalculation of UFIs after alterations** is activated, then the UFI of a preparation is not recalculated after changes, until this setting is deactivated.

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

UFI:

1 Transfer UFI from other preparations if they consist of 100% of this other preparation

2 Separate UFI code for each variant

3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical

4 Separate PCN notification per UUID if different companies are used for variants *UID and UUID do not have to match

6 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)

7 Calculation of UFI also for non-hazardous preparations

8 Prefer notified UFI for the output in documents 9 If no notification has been issued yet, do not output anything

EuPCS:

Allocations

10 Flags PC-DET-1.OTH, PC-CLN-3

11 Article groups PC-TEC-18, PC-CLN-10.3

12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)

13 Uses PC-CLN-7 – Window cleaner

14 PC-Codes PC26 – PC-FUE-2

15 Otherwise, and if no code from the SDS could be determined F

16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)

17 Only the preferred codes should be displayed (to keep the list as short as possible)

18 Sort order in the overviews Code

Transfer of flags / article groups Adoption of already defined EuPCSs for preparations

19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging:

20 Use defaults only for variants (Substances that are not variants are considered unpackaged)

21 Solids box 1 n.a., packet 2,5 g

22 Liquids bottle 10 mL, jug 1 n.a.

23 Aerosols tank 1 n.a., aerosol can 1 n.a.

24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to 25 Industry 26 Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)


28 Default pH value (This value is used if no pH value is defined for a product)

29 Fill liquid recipes <70% to 100% with water

30 Output of ranges Exact values The numbers are fitted into the ranges graduated from highes to lowest levels (80-100, 60-80, 40-60, ..., ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UUID and S2S setup

(Screen Options for UFI, EuPCS and PCN notification accessed via Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification or by pressing  in PCN related screens)

Variants:

Some companies sell variants of their products under different names. If desired, it is also possible to activate that a **Separate UFI code for each variant** is calculated. This is not a necessity, as it is not possible to identify from a UFI that it belongs to a different substance name, as different UFIs only must be generated when the classification is different or when the ingredients are different. Therefore, it is necessary to take into consideration the extra efforts that will be required regarding notifications, new labels and changed SDSs.

The additional option **Also calculate separately if no company number or VATIN has been entered and the EUPCS is identical**, lets you refine further based on your needs.

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

UFI:

1 Transfer UFI from other preparations if they consist of 100% of this other preparation

2 Separate UFI code for each variant

3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical

4 Separate PCN notification per UUID if different companies are used for variants UID and UUID do not have to match

5 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)

6 Calculation of UFI also for non-hazardous preparations

7 Prefer notified UFI for the output in documents If no notification has been issued yet, do not output anything

EuPCS:

10 Allocations 10 Flags PC-DET-1.OTH, PC-CLN-3

11 Article groups PC-TEC-18, PC-CLN-10.3

12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)

13 Uses PC-CLN-7 – Window cleaner

14 PC-Codes PC26 – PC-FUE-2

15 Otherwise, and if no code from the SDS could be determined F

16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)

17 Only the preferred codes should be displayed (to keep the list as short as possible)

18 Sort order in the overviews Code

Transfer of flags / article groups Adoption of already defined EuPCSs for preparations

19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging:

20 Use defaults only for variants (Substances that are not variants are considered unpackaged)

21 Solids box 1 n.a., packet 2,5 g

22 Liquids bottle 10 mL, jug 1 n.a.

23 Aerosols tank 1 n.a., aerosol can 1 n.a.

24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to 25 Industry 26 Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)


28 Default pH value (This value is used if no pH value is defined for a product)

29 Fill liquid recipes < 70% to 100% with water

30 Output of ranges Exact values The numbers are fitted into the ranges graduated from highes to lowest levels (80-100, 60-80, 40-60, ..., ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl] UFI and S2S setup

(Screen *Options for UFI, EuPCS and PCN notification* accessed via *Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification* or by pressing  in PCN related screens)

If the calculation of a UFI is activated for variants, then you can immediately see in the overview screen whether UFIs are available and what type of UFIs they are.

Administration of variants

File Edit Help (49.0.11)

Language: English Alteration language

Product code	Description	Company	Company name and address	Article group	Description of the article group	Content	UFI	EU PCS	Languages
nec123	Resin solution_X_50						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D/ENG/FR/IT
1234	Variant 1	2	Chemix GmbH – Chemixstrasse 2 – 5020 Salzburg – Tel.: 0043/662/212223	ADH	Adhesives		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ENG
5678	Variant 2						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ENG
9012	Variant 3	1	Test	RAW	Raw Materials		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ENG
3456	Variant 4	3	DR-Software, Inc. – 89 Long Lake Drive – Hammonds Plains, NS – B4B-1S6 – Canada	PNT	Paints		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ENG

1500-X06X-F005-SD72

- Blue: UFI of the Main Substance
- Black: Calculated UFI
- Red field: Locked UFI
- Grey: Taken from Main Substance

UFI and EuPCS: Main substance Automatically calculated Locked Same as main substance

[F1] Sort order product code [Esc] Exit [Insert] New [2-6] Selection [Ctrl+A-Z,1-9,0] Search

If you hover the mouse over one of the check boxes, then the UFI is shown.

If UFIs are not activated for variants, then you can activate this in the *Administration of Variants* via the button *Activation of UFI for variants*.

[Ctrl F9] Activation of UFI for variants

Please note that via this button, both options in the *Options for UFI, EuPCS and PCN notification* regarding UFIs for variants, are activated. If you do not wish this to happen, you need to go to the corresponding settings screen.

Logically, the UFIs can only be taken over from the main substance, when no UID was calculated for the variant. For this to happen, the highlighted option needs to be deactivated.

UFI: ¹ Transfer UFI from other preparations if they consist of 100% of this other preparation

Variants: ² Separate UFI code for each variant ³ Separate PCN notification per VATIN if different companies are used for variants

⁴ Also calculate separately if no company number or VATIN has been entered and the EUPCS is identical

In the screen for the variant you can enter the UID for the individual customer, just as for the main substance, and of course also change the UFI manually.

Please note that for variants only customers can be selected for which a phrase exists in the SDS.

Input of variant

File Edit Help (50.0.12)

¹ Product code 1324

² Description Variant 2

³ Company in SDS 3 DR-Software, Inc.
89 Long Lake Drive
Hammonds Plains, NS
B4B-1S6
Canada

⁴ VATIN ATU12345678

⁵ UFI 81K0-N0XR-000N-R0C1 ⁶ EuPCS PC-ART-OTH

⁷ Article group RAW Raw Materials


⁸ Content (for BfR report)

[Alt F3] Translations

[Esc] Exit [Alt Delete] Delete

100% formulations:

Some users use preparations consisting of 100% of a preparation, instead of variants, as they allow for the input of specific data. For such instances, in order to minimize the amount of UFIs, you can activate the option **When a preparation is 100% of another preparation, use the same UFI**. Please note, that the UFI will only be copied when the company stated in the preparation in the formulation is the same as that of the preparation itself. Thus, if the company was manually changed in one of the two preparations, two separate UFIs will be calculated.

(Screen *Options for UFI, EuPCS and PCN notification* accessed via *Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification* or by pressing  in PCN related screens)

Details regarding the pH values:

As of Version 3.0 (October 2020), ECHA requires that for PCN notification dossiers that do not contain a pH value, that the reason for the missing pH value, is stated (*ECHA BR621*). It is now possible to enter the reason for the missing pH value, in the **pH value** field (*Maintenance of preparations – Physical data*) of the product.

2	Flash point		30	°C	CAS
3	Boiling point		77	°C	CAS
4	Melting point			°C	
5	Water miscible/water soluble	<input checked="" type="checkbox"/>			
6	Density			g/cm ³	
7	Bulk density			kg/m ³	
08	pH-value				
9	Solids	A	pH is above 15	50	%
10	Flammable	B	pH is below -3	50	%
11	Ignition temp	C	substance is a gas	390	°C
12	Chemical hazard	D	substance is non-polar/aprotic		kl/g
13	Viscosity	a	E substance is non-soluble (in water)		
14		a	F substance is not stable		
15	Vapor pressure	G	substance reacts with water		hPa
16			at		°C

Note: For **solid** preparations, it is also possible to enter the value for the concentration of solvent, directly behind the pH value:

08	pH-value	13 (20%)
09	So G	substance reacts with water
10	Fl F	substance is not stable
11	Ig E	substance is non-soluble (in water)
12	Ch D	substance is non-polar/aprotic
13	Vi C	substance is a gas
14	B	pH is below -3
15	Va A	pH is above 15
16		Input of percentage in parantheses after the pH value

Furthermore, you can define a default value in the screen *Options for UFI, EuPCS and PCN notification* (**Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification**) in the field **Default pH value**:

Note: The same reasons that can be selected in the field **pH value** of the screen *Physical data* (*Maintenance of preparations*) can be selected for automatic output.

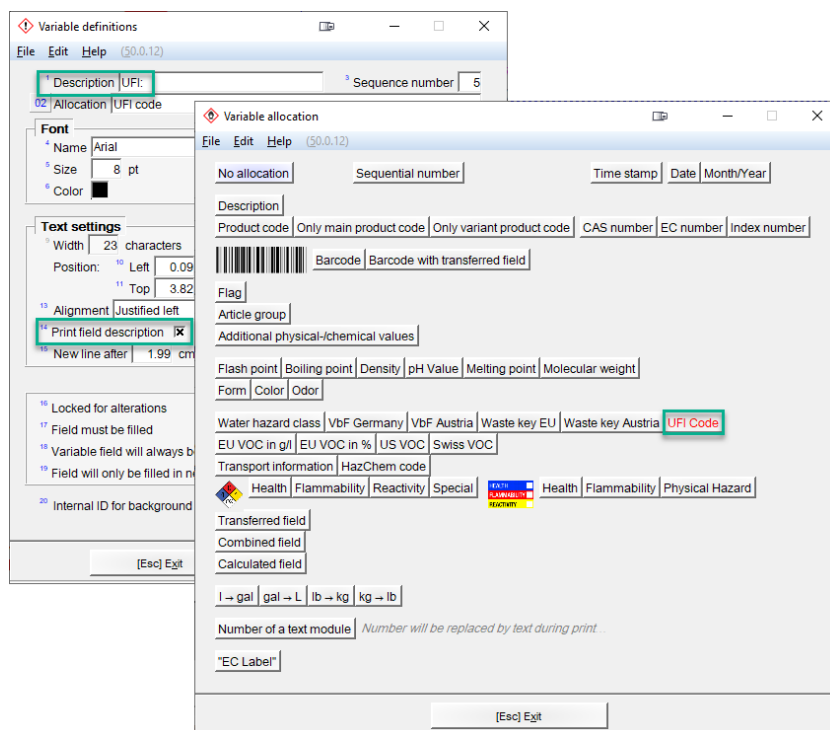
Output of UFIs:

Labels:

Additional information for the UFI code – CLP (2017/542, Paragraph 5.2.):

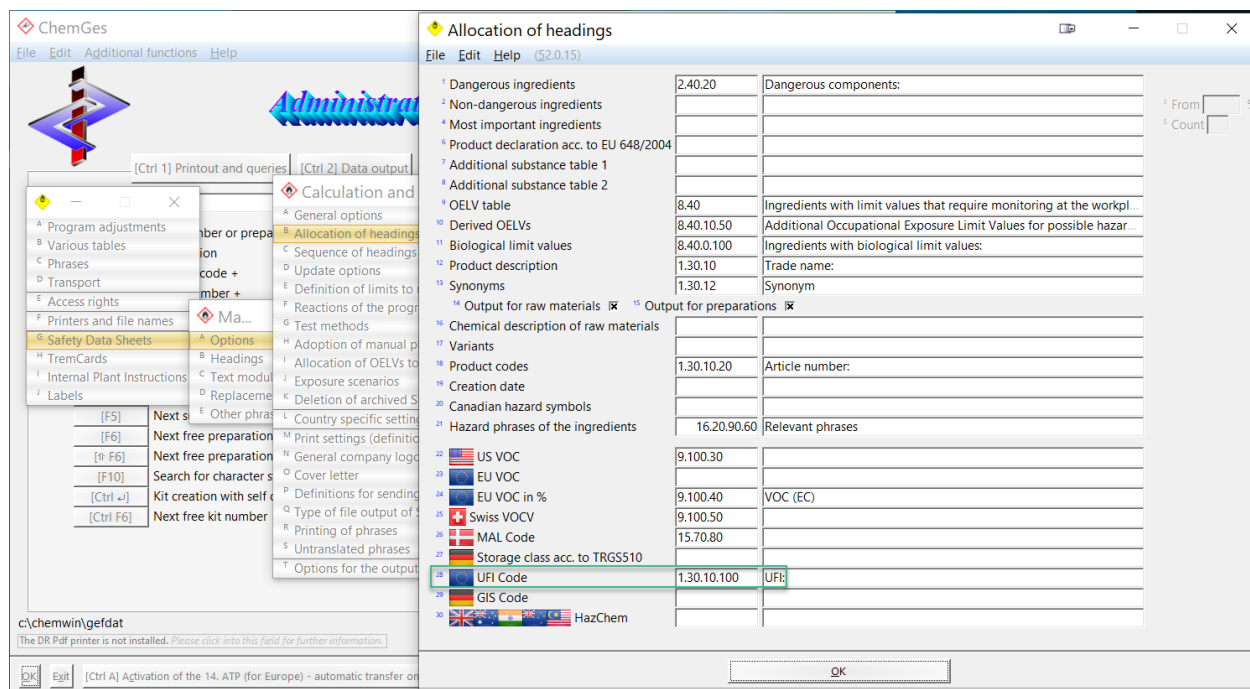
5.2. The submitter shall print or affix the UFI on the label of a hazardous mixture. The UFI shall be preceded by the acronym “UFI” in capital letters and it shall be clearly visible, legible and indelibly marked.

For labels, you can define a variable which is automatically filled with the UFI for a preparation. Please note that the field length needs to be at least 19 characters in order to output a complete UFI. If the **field description** is not automatically adopted, then the word **UFI** will be output automatically and the field length needs to, of course, be 23 characters (which is the default definition by the program).



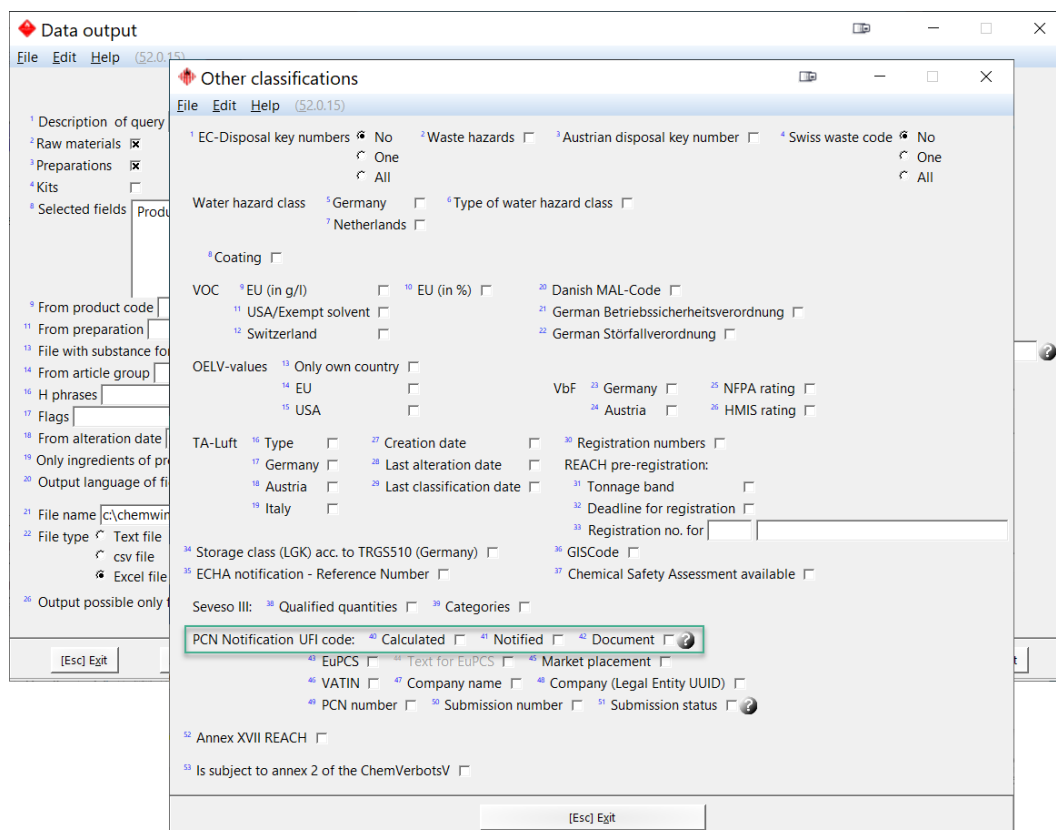
Safety Data Sheets:

To output UFIs in SDSs, allocate the heading here:



Individual File Creation:

In the *Individual File Creation*, the UFI Code is output via the following options:



F. PCN-groups:

ECHA has provided 3 group types to be used for the PCN notification. With some initial manual set-up effort, these can be managed, as far as possible, with the ChemGes automatism.

The 3 types of groups are:

1. MiMs
2. Non-hazardous perfumes and colorants
3. ICGs

MiMs:

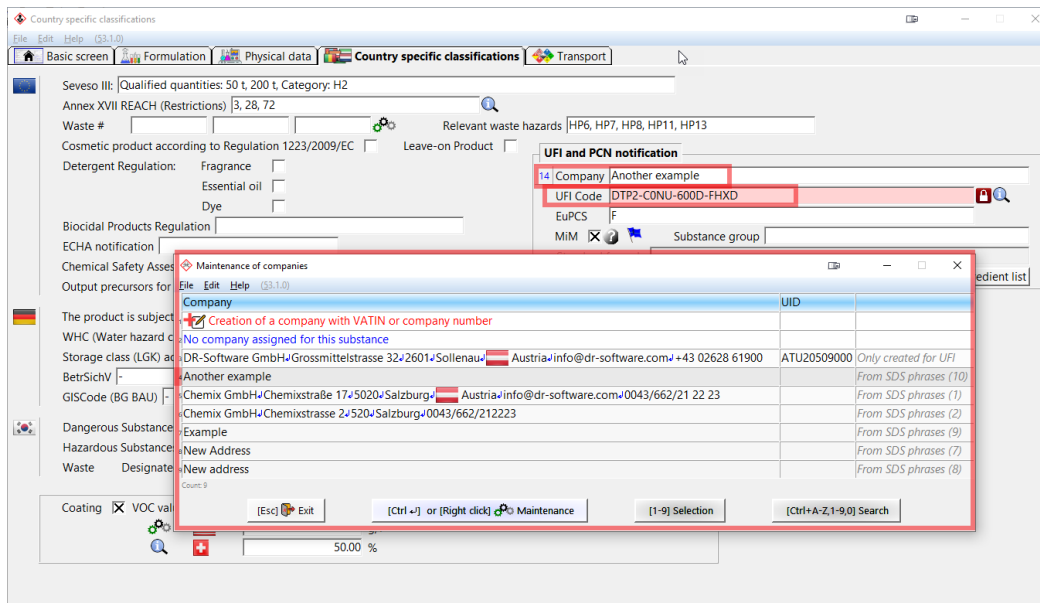
The most basic group type are the MiMs (Mixtures in Mixtures). These can only be used for substances supplied from outside of your organisation.

Ideally, MiMs should already have a UFI, and should already have been reported to ECHA by your supplier. If that is not the case, a PCN notification is possible without a UFI but with complete supplier data. This data, whether required or not, can be added in ChemGes.

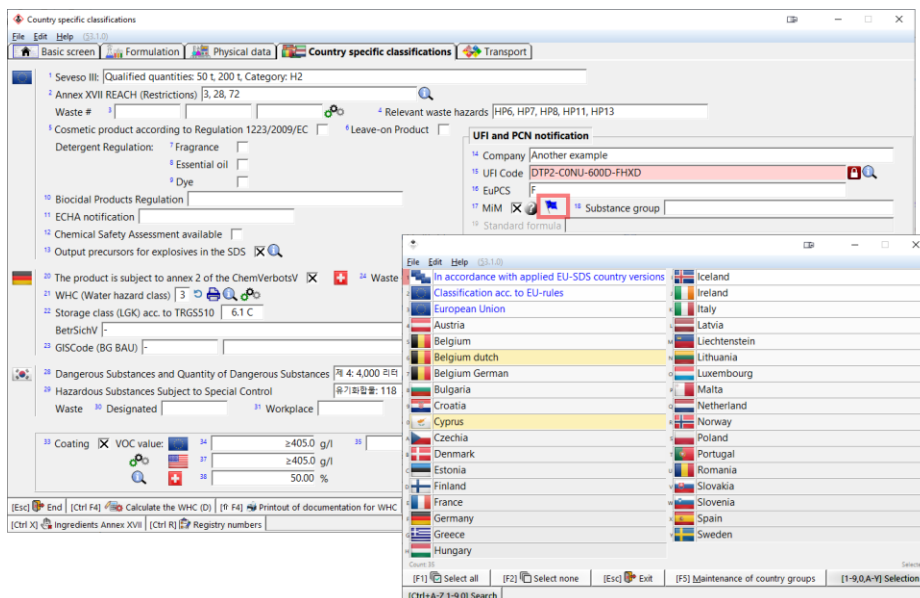
Even if you do not have to provide the full formulation for a MiM, as you only have the data from your supplier's safety data sheet, you are still obliged to list all ingredients from this SDS. It is not permitted to omit ingredients.

To define a MiM, enter either the UFI of the supplier in the field for the UFI, or, if the UFI is not known, a hyphen. Then activate the option MiM in the *Country specific classifications* screen.

The supplier's company only needs to be selected if the UFI is not known. If the supplier's UFI has been reported to ECHA, then ECHA can identify the supplier from the UFI.



It is also possible to specify the countries for which the supplier has made a PCN notification. However, this is for your information only. ECHA will generate a warning if the supplier has notified fewer countries than you but will accept the PCN notification anyway.



Non-hazardous perfumes and colourants:

ECHA permits the reporting of non-hazardous perfumes and colourants as groups, as long as they fall within the specific percentage limits.

This means that as soon as there are more non-hazardous perfumes or colourants than their respective limits permit, all non-hazardous ingredients of the group that exceeds the limit, must be output. It is not permitted to generate a group for up to the limit and list any beyond the limit individually.

Additionally, as soon as one of the ingredients in such a group, becomes hazardous, the other non-hazardous ingredients may also no longer be combined as a group.

Both situations can have the effect that when the hazard information for a perfume or a colourant is altered, all formulations containing this ingredient will receive a new UFI.

To define a raw material as a perfume or colourant, go in the *Maintenance of raw materials* to **Substance groups** and then activate one of the corresponding options.

The screenshot displays the 'Maintenance of raw materials' software interface. The main window shows the following details:

- CAS number: 50-00-0
- Index number: 605-001-00-5
- EC number: 200-001-8
- Standard: SDS
- Trade Secret:
- Formaldehyde ... %
- FORMALDEHYDE
- Formaldehyde
- Product code: [empty]
- Variant: Basic substance selected - One variant created
- Main substance: No main substance is assigned and this substance is not the main substance for other substances.
- Flag: [empty]
- Article group: Substance groups

The 'Substance groups' dialog box is open, showing a list of chemical substance groups with checkboxes for activation. The 'EC 648/2004 (Detergents Regulation)' group is highlighted. The right-hand panel shows various physical and chemical properties such as State (liquid), Flash point (≤93 °C), Boiling point (-21 °C), Density (0.81), and Viscosity. It also includes hazard information like GHS areas and SDS options.

For preparations, particularly intermediates, the corresponding options for perfumes or colourants, must be activated in the country-specific classifications screen. Additionally, these preparations must be set as MiMs.

The screenshot displays the 'Country specific classifications' window in ChemGes. The window is divided into several sections for regulatory compliance. A red box highlights the 'Detergent Regulation' section, which includes checkboxes for 'Fragrance' (checked), 'Essential oil', and 'Dye'. Another red box highlights the 'UFI and PCN notification' section, which includes fields for 'Company' (Chemix GmbH), 'UFI Code', 'EuPCS' (F), and 'MiM' (checked). The 'MiM' checkbox is also highlighted with a red box. The interface also shows fields for 'Waste #', 'Storage class (LGK acc. to TRGS510)' (12), and 'Coating' (checked). The 'Coating' section includes fields for 'VOC value' (0.0 g/l) and 'Wood preservative' (0.00 %). The bottom of the window shows a menu bar with various options like 'Calculate the WHC (D)', 'Printout of documentation for WHC', 'Water hazardous contents', 'ABM (NL) contents', 'Solvents', and 'MAL code contents'.

ChemGes automatically summarises this information in the formulation, no additional work is required.

ICG:

ICG is the abbreviation for *Interchangeable Component Group* and allows for individual substances that have the same properties and serve the same purpose, to be grouped together.

These ICGs then have the following benefits:

- Minor changes to quantities within the ICG for individual substances can be made without requiring a new UFI and triggering a new PCN notification.
- While they work similarly to the grouping of perfumes and colorants they also allow the formation of groups with hazardous substances.
- Components of 0% can be reported in order to avoid unnecessary formulation changes.
- ICGs are only an advantage if existing formulations are frequently altered as they reduce the need for frequent reporting.

While ICGs can reduce the workload, they can also increase it. If the hazard of an ingredient of an ICG changes, all preparations with this ICG receive new UFIs.

Please note:

If there are already reported UFIs for your products, then the introduction of ICGs could lead to the automatic creation of hundreds of new UFIs, since logically the formulations for these preparations would be different. To avoid this, ChemGes only reports the ICGs when a real modification within a formulation occurs.

ICG Example:

Type	Substance number	EC number	ICG/substance group	Description	Real percentage	Percentage	Output %	H phrases
> ICG			29 ICG Substance Group 1		35	35	≥25-≤45	H302
>> Raw material	36653-82-4	253-149-0	ICG Substance Group 1	1-Hexadecanol	20	20		H302
>> Raw material	1405-87-4		ICG Substance Group 1	bacitracin	15	15		H302
> ICG			29 ICG Substance Group 1		15	15	≥10-≤20	
>> Raw material	68186-14-1	269-035-9	ICG Substance Group 1	Methyl abietate	10	10		
>> Raw material	34523-28-9	252-071-4	ICG Substance Group 1	5-(dimethylamino)naphthalene-1-sulphonylfluoride	5	5		
> MiM	10,127			Test MiM as part of an ICG	5	5	≥4-≤7	
>> Raw material	154-23-4			cianidanol	0.025	0.5	>0- <1	

Count: 8

The type of breakdown is extremely complex, especially when using standard formulations and ICGs. It is not part of the maintenance contract to manually recalculate and break down customer formulations. If this is requested, then we will charge for the time spent at our usual hourly rate. Please note that recalculating a complex formulation can take several hours. However, if an error is found, this will of course be free of charge.

[Esc] Exit [Ctrl+A-Z,1-9,0] Search

If we have 4 ingredients that belong to the same substance group (ICG Substance Group 1) and 2 of them have no hazards and 2 do have hazards, we form 2 ICGs. One without hazards at 15% and one with hazards at 35%.

If new information causes one of the non-hazardous ingredients to become hazardous, then it must be assigned to the other group. The ICG with the non-hazardous substances now only has 5% of the ingredients and the ICG with the hazardous substances will have 45% of them. This therefore means that although the substances belong to the same substance group, a new UFI must be calculated.

Creating ICGs:

In order to create ICGs, substance groups must first be created. In any raw material, click on *Substance groups*, then on [F1] *Maintenance substance groups* and then on [Insert] *New*.

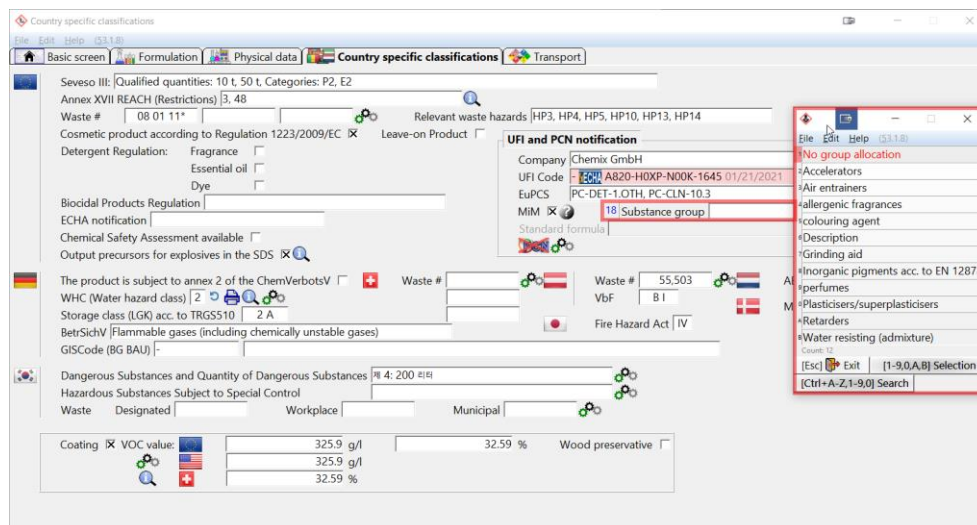
The screenshot shows two overlapping windows from a software application. The background window is titled 'Maintenance of raw materials' and displays details for a substance with CAS number 25588-74-1 and EC number 247-094-7. It lists various GHS classifications such as '3.1/1.2 Acute Tox. 1-2 - H300+H310 Fatal if swallowed or if inhaled.' and '3.1/1. Eye Dam. 1 - H318 Causes serious eye damage.' The foreground window is titled 'Maintenance of Substance groups' and shows a list of chemical groups with checkboxes for selection. A red arrow points from the 'Substance groups' button in the background window to the foreground window. A red box highlights the 'New' button at the bottom of the foreground window. A text box in the foreground window contains the following text: 'Please note that there is absolutely no legal basis for the grouping in the SDS or label. If the grouping is activated, the likelihood is very high that it will come to complaints and fines are pronounced.'

Enter a description and activate that the substance group is to be *Used for building groups for PCN notifications (ICG)*.

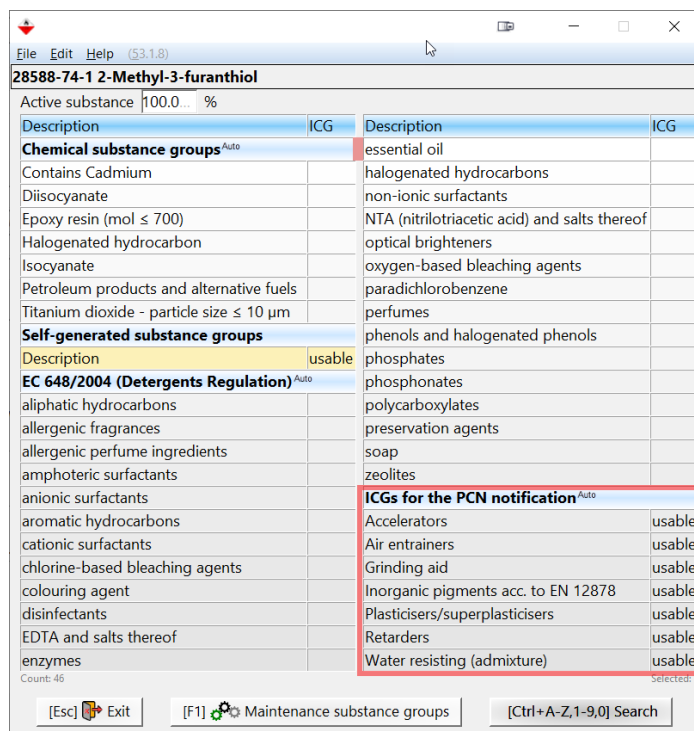
If you now click on the substance group allocation for this substance, you can select the substance groups intended for ICGs.

The word, *usable*, in the ICG column shows that the substance group can be assigned to the substance for the purpose of creating ICGs.

Because MiMs can also be used for the creation of ICGs, substance groups can be assigned to them as well.



As you can see, there are already some predefined substance groups which are intended to be used for standard formulations.



Standard formulations / Specialty Sectors:

To address particular difficulties within the Gypsum, Ready-mixed concrete and Cement sectors and remain compliant without reducing the level of safety, it is possible that emergency health response information relating to specific standardized mixtures in those three sectors, is submitted by reference to a standard composition. This option should only be used if the classification of the mixture does not change depending on the composition of the group within the concentration ranges specified in the standard formula.

Furthermore, PCN notification has also brought about some difficulties with regard to fuels as their composition can be variable while still complying with technical standards.

ICG assignments regarding these sectors are done by clicking onto the PCN ingredient list button. The program immediately suggests the most suitable standard formula, if possible.

Type	Substance number	EC number	ICG/substance group	Description	Real percentage	Percentage	Output %	H phrases
➤Raw material	65997-15-1	266-043-4		Cement, portland, chemicals	81.1	81.1	≥80-≤85	H315-H318-H317-H335
➤Raw material	1317-65-3			Limestone (Calcium Carbonate)	9.27	9.27	≥7-<10	
➤Raw material	65996-69-2			Granulated blast furnace slag	5.79	5.79	≥4-≤7	
➤ICG			31 Fibers		0-3.48	0-3.48	≥1-≤4	
➤➤Raw material	7778-18-9	231-900-3	Fibers	calcium sulphate, natural	0-3.48	0-3.48		
➤Raw material	7720-78-7	231-753-5		iron sulphate	0.116-0.348	0.116-0.348	>0-<1	H302-H315-H319-H412

The type of breakdown is extremely complex, especially when using standard formulations and ICGs. It is not part of the maintenance contract to manually recalculate and break down customer formulations. If this is requested, then we will charge for the time spent at our usual hourly rate. Please note that recalculating a complex formulation can take several hours. However, if an error is found, this will of course be free of charge.

On the right side you see the button, *Selection of standard formula*. A number in brackets next to it indicates how many different standard formulations could automatically be determined from the ingredients of this preparation.

In the overview you will then see all possible assignments provided by ECHA. The most suitable assignment is shown in blue, the other possible assignments are shown in green, and the assignments that could not be determined automatically, are shown in black.

Upon selecting one of these assignments, the formulation to be reported is immediately rebuilt. A check for correctness is not carried out. This is not a weakness of the program but is done intentionally so that you are not restricted when using this option.

You can also make the assignment without going to the *PCN ingredient list*. This can be done by clicking into the field *Standard formula*.

For standard formulas, the percentage ranges of the ingredients must be submitted to ECHA. If these percentage ranges should later change in a dossier, then ECHA provides a warning message, but the dossier is accepted anyway.

If your standard formula does not completely correspond to the predefined formula from ECHA, then, if the raw material is available in the standard formula, the limits are adjusted according to your real formula. However, if the equivalent for your raw material could not be determined at all, then the predefined standard percentage ranges are used.

A more complicated situation is caused by standard formulations in which individual ingredients have not been identified by EC numbers.

Standard formulas and fuels

Ready mixed concrete Standard Formula 1		
Concrete strength classes C8/10, C12/15, C16/20, C20/25, C25/30, C28/35, C32/40, C35/45, C40/50, C45/55, C50/60, LC8/9, LC12/13, LC16/18, LC20/22, LC25/28, LC30/33, LC35/38, LC40/44, LC45/50, LC50/55, LC55/60		
Component name	EC No	Concentration (w/w %)
Cement	270-659-9	3 – 18
Water	231-791-2	5 – 8
Aggregates	273-727-6	70 – 80
Air entrainers (admixture)	-	0 – 0,08
Plasticisers/superplasticisers (admixture)	-	0 – 0,15
Retarders (admixture)	-	0 – 0,4
Accelerators (admixture)	-	0 – 0,2
Water resisting (admixture)	-	0 – 0,25
Fly ash	931-322-8	0 – 8

For this type of raw material substance groups must be assigned. These special substance groups are already predefined in ChemGes.

1405-87-4 bacitracin			
Active substance	100.000 %		
Description	ICG	Description	ICG
Chemical substance groups ^{Auto}		enzymes	
Contains Cadmium		essential oil	
Diisocyanate		halogenated hydrocarbons	
Epoxy resin (mol ≤ 700)		non-ionic surfactants	
Halogenated hydrocarbon		NTA (nitrilotriacetic acid) and salts thereof	
Isocyanate		optical brighteners	
Petroleum products and alternative fuels		oxygen-based bleaching agents	
Titanium dioxide - particle size ≤ 10 µm		paradichlorobenzene	
Self-generated substance groups		perfumes	
Description	usable	phenols and halogenated phenols	
Fibers	usable	phosphates	
ICG Substance Group 1	usable	phosphonates	
ICG Substance Group 2	usable	polycarboxylates	
EC 648/2004 (Detergents Regulation) ^{Auto}		preservation agents	
aliphatic hydrocarbons		soap	
allergenic fragrances		zeolites	
allergenic perfume ingredients		ICGs for the PCN notification ^{Auto}	
amphoteric surfactants		Accelerators	usable
anionic surfactants		Air entrainers	usable
aromatic hydrocarbons		Grinding aid	usable
cationic surfactants		Inorganic pigments acc. to EN 12878	usable
chlorine-based bleaching agents		Plasticisers/superplasticisers	usable
colouring agent		Retarders	usable
disinfectants		Water resisting (admixture)	usable
EDTA and salts thereof			
Count: 49		Selected: 0	

The input is identical to that described for the ICGs and is also possible for MiMs.

It is not necessary to assign these substance groups to the raw materials, but if they are available, it will allow the program to make better suggestions for the assignment of standard formulas and a more correct determination of the percentage ranges to be submitted to ECHA.

G. MiM:

A MiM is a preparation that is an ingredient in another preparation (known in ChemGes as an intermediate). As a UFI notification requires the output of all ingredients of a preparation, a situation might arise where it is not possible to retrieve all of the ingredient information for a MiM, from a supplier. The legislator suggests two options to deal with such a situation:

1. If the MiM has its own UFI Code, then this code can be output instead of the unknown ingredients.
2. In situations where your supplier has not provided an UFI-Code for the MiM, the legislation requires the conveyance of information regarding the known ingredients, that are stated in Section 3 of the provided SDS. These can be created as preparations, as usual. The conveyance of the name, e-mail address and telephone number of the MiM supplier is in this case considered adequate criterium for the identification.

It is important to note, that it is absolutely necessary to be able to show that you have tried to obtain the relevant data from your supplier. Also, choosing either of these two options will almost certainly lead to you being contacted by auditors wishing to ensure that you have done everything in your power to retrieve this data. Therefore, you can expect auditor visits.

In ChemGes, these options can be activated with the setting “Contains unknown ingredients” in the *Country specific classifications* screen. Once this setting is activated, all known raw materials and the UFI Code of the MiM substance, will be output in the dossier of the preparation containing it.

The screenshot shows the 'Country specific classifications' screen in ChemGes. The 'Contains unknown ingredients' checkbox is highlighted in green. The interface includes various input fields for regulatory information, waste codes, and company details.

Key fields and values visible:

- Seveso III: Qualified quantities: 50 t, 200 t, Category: H2
- Annex XVII REACH (Restrictions): 5, 28, 29, 72
- Waste #: 03 01 05
- Relevant waste hazards: HP6, HP7, HP8, HP11, HP13
- Detergent Regulation:
 - Fragrance:
 - Essential oil:
 - Dye:
- Cosmetic product according to Regulation 1223/2009/EC: Leave-on Product:
- Biocidal Products Regulation:
 - UFI code and EUPCS: 11 Company: DR Software GmbH
 - Code: UM90-209U-J00T-XKFN
 - EuPCS: PC-ADH-1
 - Contains unknown ingredients:
- ECHA notification: 11111222222
- Chemical Safety Assessment available:
- WHC (Water hazard class): 3
- Storage class (LGK) acc. to TRGS510: 6.1 C
- VbF: BetrSichV:
- The product is subject to annex 2 of the ChemVerbotsV:
- GISCode (BG BAU): BS10
- Anti-corrosive paints, water-based, solvent content <= 5 %
- ABM (Z(1)):
- MAL-Code: 5-6
- Waste #: 55,503
- Waste #: 03 03 05
- Dangerous Substances and Quantity of Dangerous Substances: 4: 200
- Hazardous Substances Subject to Special Control: 117
- Waste Designated: Workplace: Municipal:
- Coating: VOC value: g/l
- Wood preservative:

If the UFI of the supplier is known (this code has to be entered manually and locked), you can enter the information regarding in which countries this product was notified by the supplier, by clicking on the flag symbol next to **Contains unknown ingredients**.

The screenshot shows the 'Country specific classifications' screen in ChemGes. The 'Contains unknown ingredients' checkbox is highlighted in green. A red box highlights the UFI code 'GV02-V07Y-F00N-17RN'. A message box indicates that no countries have been entered for this UFI code. A list of countries is displayed below the message box.

Key fields and values visible:

- Biocidal Products Regulation:
- UFI code and EUPCS: 11 Company: DR-Software GmbH
- Code: GV02-V07Y-F00N-17RN
- EuPCS: PC-ADH-1
- Contains unknown ingredients:

Message box text:

No countries where this UFI code has been reported have been entered. It is assumed that this intermediate product has been reported in all countries for which the PCN report is also made.

Click on this flag to enter the countries for which the notification for this UFI code was made. The PCN notification of the end product will be checked for a match of the countries.

List of countries:

- Great Britain
- Bulgaria
- Germany
- Luxembourg
- Slovakia
- Classification acc. to EU-rules
- Croatia
- Greece
- Malta
- Slovenia
- European Union
- Cyprus
- Hungary
- Netherlands
- Spain
- Liegegebiet A
- Czechia
- Iceland
- Norway
- Sweden
- Supplier area A
- Denmark
- Ireland
- Poland
- Austria
- Estonia
- Italy
- Portugal
- Belgium
- Belgium dutch
- Finland
- Latvia
- Principality of Liechtenstein
- Romania
- France
- Lithuania

This information is automatically evaluated in the PCN notification and compared to the market placement of the product. If the MiM-UFI is not notified in one of the market placement countries, the

dossier will not be saved, and you will receive an appropriate message. MiM data sets, for which this information is not stored, are automatically considered as “reported everywhere”.

If no UFI is available for the MiM, the authorities require that information regarding the supplier is output. This data can be entered in ChemGes in the screen **Company settings**.

In such a situation, the option to output the PDF file of the SDS that is linked to this substance, is also available.

A PDF can be attached to a substance entry in ChemGes via the button **[Alt F8] PDF files**. Any such PDFs must first be placed into the folder *PDF* in the folder *CHEM/GEFDAT* or *CHEM/DATA*.

For each PDF you can define the language as well as the country, and whether it is a MiM for the PCN notification. This then ensures that the PDF is automatically a part of your notification, if the option *Contains unknown ingredients* is activated in the *Country specific classifications* screen (see second image below).

The screenshot displays the 'Maintenance of preparations' software interface. The main window shows the 'Basic screen' with fields for Preparation (1,000), Product code (13579), and various flags. The 'GHS classification' section is expanded, showing several hazard categories with their corresponding labels and codes. A 'Safety Data Sheets' dialog box is open, allowing the user to configure SDS files for different languages and countries. The dialog includes fields for File name, Language, Country, and checkboxes for 'MIM SDS for the PCN' and 'Comment'. A table below the dialog shows the current configuration for MIM SDS files across different languages and countries.

File name	Lang	Country	MIM SDS for the PCN
New allocation			
MIM SDS	English	Great Britain	<input checked="" type="checkbox"/>
MIM SDS	English		<input checked="" type="checkbox"/>
MIM SDS	Dutch		<input checked="" type="checkbox"/>
MIM SDS	English		<input checked="" type="checkbox"/>
MIM SDS	German		<input checked="" type="checkbox"/>
MIM SDS	English	Great Britain	<input checked="" type="checkbox"/>
MIM SDS	German	Germany	<input checked="" type="checkbox"/>

The interface also shows various regulatory information, including IMDG, IATA, and NFPA hazard labels, and a detailed footer with keyboard shortcuts for navigation and printing.

H. Market Placement:

For the PCN notification it is necessary to identify the markets on which the product will be placed. The notification must be generated in the official language(s) of the country to which it is going. You can either identify the markets in the field **Market placement**, or ChemGes will identify them by looking for which EU country an SDS has been generated for your preparation.

The image shows two overlapping windows from the ECHA PCN notification software. The top window, titled 'Country specific classifications', contains various regulatory fields such as 'Seveso III', 'Annex XVII REACH (Restrictions)', 'Waste #', 'Detergent Regulation', 'Biocidal Products Regulation', 'UFI code and EUPCS', and 'Code'. The bottom window, titled 'PCN data', contains fields for 'Market placement', 'Packaging', 'Emergency contact', 'Submission status' (including PCN Number, Submission number, and Status), and 'Creation PCN dossier' options. A red box highlights the 'Market placement' field in the bottom window, which contains the text 'in accordance with applied EU-SDS country versions'.

Note: If you wish to always limit the market placement to specific countries, you can enter a default value for desired countries, in the screen *Options for UFI, EuPCS and PCN notification* in the field **Default value for the Market placement**.

Note regarding Great Britain:

As of 10.27.2020, ECHA no longer permits the stating of Great Britain as a market placement country. Since the removal of a market placement country in updates to PCN notifications, is not permitted (*ECHA BR632*), we have implemented an appropriate exception for Great Britain.

Great Britain will now be ignored when generating an update dossier and there no longer will be an automatic generation of an initial notification dossier for Great Britain.

When selecting the *Market Placement*, please be aware of limitations on markets, such as fees or countries that have not fully implemented the various parts of Annex VIII. An overview can be accessed here:

<https://poisoncentres.echa.europa.eu/appointed-bodies>

The screenshot shows the ECHA Poison Centres website. The main navigation bar includes 'About us', 'Steps for industry', 'Tools', and 'Support'. The 'National support' section is highlighted in the left sidebar. The main content area is titled 'National support' and contains the following text:

For the latest information on how each Member State is implementing various aspects regarding Annex VIII to the CLP Regulation, for example, fees and usage of the ECHA Submission portal, see the **Overview of Member States' decisions**.

National helpdesks have been established as the first point of contact for regulatory questions. See the list of national helpdesks available from the ECHA website.

Below is a **list of nationally appointed bodies** and their contact details for direct inquiries in relation to the submission of information for the purpose of emergency health response.

A list of countries is shown in a table:

Austria
Belgium
Bulgaria
Croatia

Other sections on the right include 'Key documents' with a link to 'Overview of Member States decisions on implementing Annex VIII to the CLP' and a 'Contact' section with a link to 'National helpdesks'.

I. Packaging:

The packaging must also be identified. This can be done manually each time, or default packaging, based on the terminology provided by ECHA, can be assigned via the *Options for UFI, EuPCS and PCN notification*. The packaging information is selected/displayed here:

The screenshot shows the ECHA submission software interface. The 'Country specific classifications' tab is active, displaying various regulatory fields such as 'Seveso III', 'Annex XVII REACH (Restrictions)', 'Waste #', 'Detergent Regulation', 'Cosmetic product according to Regulation 1223/2009/EC', and 'Biocidal Products Regulation'. The 'PCN data' tab is also visible, showing fields for 'Market placement', 'Packaging', 'Emergency contact', 'Submission status', and 'Creation PCN dossier'. The 'Packaging' field is highlighted with a green box, showing the value 'aerosol can 1 n.a., bailbox 1 n.a.'. The 'Submission status' section shows the PCN Number 'b8375641-3237-4351-9aeb-268e9fac9e0' and the Status 'PCN dossier has already been created, but has not been reported via S+S or there is no S+S submission number available'. The 'Creation PCN dossier' section has three options: 'for the main substance and all variants', 'for the main substance and all variants with this VATIN', and 'for the main substance only'. The bottom of the window shows keyboard shortcuts: [Esc] Exit, [Ctrl] UFI and S+S setup, and [F7] Check changes for update submission.

The automatism can be accessed and defined here:

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

UFI:

- 1 Transfer UFI from other preparations if they consist of 100% of this other preparation
- 2 Separate UFI code for each variant
- 3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical
- 4 Separate PCN notification per UUID if different companies are used for variants ¹ UID and UUID do not have to match ?
- 6 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)
- 7 Calculation of UFI also for non-hazardous preparations
- 8 Prefer notified UFI for the output in documents ? ⁹ If no notification has been issued yet, do not output anything

EuPCS:

- 10 Allocations 10 Flags PC-DET-1.OTH, PC-CLN-3
- 11 Article groups PC-TEC-18, PC-CLN-10.3
- 12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)
- 13 Uses PC-CLN-7 -- Window cleaner
- 14 PC-Codes PC26 -- PC-FUE-2
- 15 Otherwise, and if no code from the SDS could be determined F
- 16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)
- 17 Only the preferred codes should be displayed (to keep the list as short as possible)
- 18 Sort order in the overviews Code
- 19 Transfer of flags / article groups Adoption of already defined EuPCSs for preparations
- 19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging: 20 Use defaults only for variants (Substances that are not variants are considered unpackaged)

- 21 Solids box 1 n.a., packet 2,5 g
- 22 Liquids bottle 10 mL, jug 1 n.a.
- 23 Aerosols tank 1 n.a., aerosol can 1 n.a.
- 24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to 25 Industry 26 Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)

28 Default pH value (This value is used if no pH value is defined for a product)

29 Fill liquid recipes <70% to 100% with water

30 Output of ranges Exact values The numbers are fitted into the ranges graduated from highest to lowest levels (80-100, 60-80, 40-60, ..., ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[~], Esc Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UFI and S₂S setup

Here you can assign a default packaging dependant on the state of aggregation and you can set whether these defaults are only to apply to variants.

When assigning packaging, it is possible to provide a number of different types, define the Units of measurement for each type, as well as define one or more amounts.

Defaults for the packaging										
Defaults for the state of aggregation Solid										
Active	Type of packaging	Amounts	Units							
			cm³	g	kg	L	mg	ml	m³	n.a.
<input type="checkbox"/>	58,353 aerosol can									
<input type="checkbox"/>	58,354 aerospray									
<input type="checkbox"/>	58,355 bag / sack									
<input type="checkbox"/>	58,356 baitbox									
<input type="checkbox"/>	58,357 blister									
<input type="checkbox"/>	58,358 bottle									
<input type="checkbox"/>	58,359 box									
<input type="checkbox"/>	58,360 can / tin									
<input type="checkbox"/>	58,361 case									
<input type="checkbox"/>	58,362 dropper									
<input type="checkbox"/>	58,363 barrel / drum									
<input type="checkbox"/>	58,364 IBC (intermediate bulk container)									
<input type="checkbox"/>	58,365 jerry can									
<input checked="" type="checkbox"/>	58,366 packet	2.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	58,367 sachet									
<input type="checkbox"/>	58,368 talcum powder container									
<input type="checkbox"/>	58,369 tea bag (product disperses through the container when added to water)									
<input type="checkbox"/>	58,370 water soluble bag									
<input type="checkbox"/>	64,859 atomizer									
<input type="checkbox"/>	64,861 brick									
<input type="checkbox"/>	64,862 bucket									
<input type="checkbox"/>	64,863 carboy									
<input checked="" type="checkbox"/>	64,864 dispenser	10	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	64,865 envelope	5/10/15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	64,866 jar									
<input type="checkbox"/>	64,867 jug									
<input type="checkbox"/>	64,868 phial									
<input type="checkbox"/>	64,869 stick									
<input type="checkbox"/>	64,870 syringe									
<input type="checkbox"/>	64,871 tank									
<input type="checkbox"/>	64,872 tube									
<input type="checkbox"/>	65,152 pressure receptacle / gas container									

Count: 32

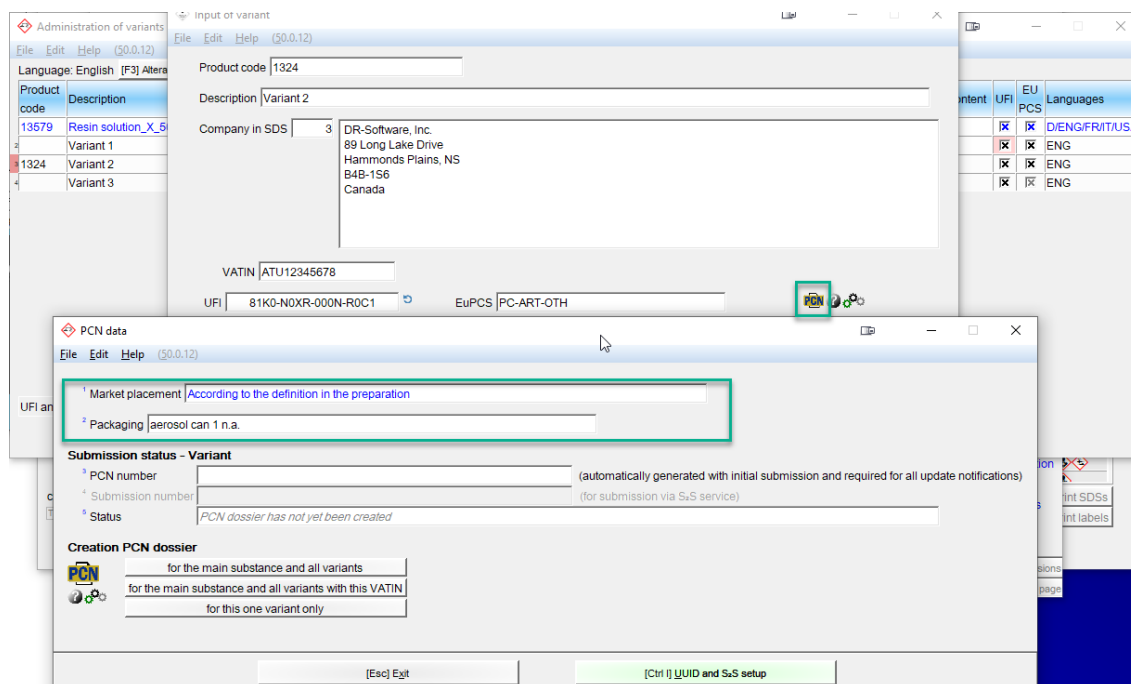
For the PCN submission, one of the above mentioned types of packaging should be used.
There is no objection to specifying all sorts of packaging types and sizes, as it is immaterial to the purpose of the PCN submission how the product was sold.

[Esc] Exit [1-9,0,A-V] Selection [Ctrl+A-Z,1-9,0] Search

Please note, the marked comments at the bottom of the screen.

J. Market placement and packaging for variants:

You can create variances concerning the *Market placement* and the *Packaging* in the notification information for variants. This can be filled in for each variant (see below).



Note: Regarding the first two options “for the main substance and all variants” and “for the main substance and all variants with this VATIN”, it does not matter whether you run the dossier generation in a variant or in the main substance. The dossier that is generated will always be for a substance and all of its variants. If the third option “for this variant only” is chosen, the dossier will be generated exclusively for this variant and the PCN number saved for this variant.

K. Generic Product identifiers:

The generic product identifiers “perfumes”, “fragrances” and “colouring agents”, can be used to identify specific components, as long as these are not classified with any health hazard and they do not cross the total percentages (5% for perfumes/fragrances and 25% for colouring agents).

These can be activated in the *Country specific classifications* screen:

File Edit Preparation screens Help (50.0.12)

Basic screen Formulation Physical data Flammability **Country specific classifications** Transport

¹ Seveso III: Qualified quantities: 50 t, 200 t, Category: H2

² Annex XVII REACH (Restrictions) 5, 28, 29, 72

Waste # ³ 03 01 05 ⁴ Relevant waste hazards HP6, HP7, HP8, HP11, HP13

Detergent Regulation: ⁵ Fragrance
⁶ Essential oil
⁷ Dye

⁸ Cosmetic product according to Regulation 1223/2009/EC ⁹ Leave-on Product

¹⁰ Biocidal Products Regulation

UFI code and EUPCS: ¹¹ Company Chemix GmbH ¹² Contains unknown ingredients

¹³ Code H7K0-P0AH-M00M-2PH5 ¹⁴ EuPCS PC-ADH-1

¹⁵ ECHA notification 11111222222

¹⁶ Chemical Safety Assessment available

¹⁷ WHC (Water hazard class) 3

¹⁸ Storage class (LGK) acc. to TRGS510 6.1 C

VbF BetrSichV

¹⁹ The product is subject to annex 2 of the ChemVerbotsV

²⁰ GISCode (BG BAU) BS10 Anti-corrosive paints, water-based, solvent content <= 5 %

²¹ ABM Z(1) ²² MAL-Code 5-6 ²³ Waste # 55,503 ²⁴ Waste # 03 03 05

²⁵ Dangerous Substances and Quantity of Dangerous Substances 4: 200

²⁶ Hazardous Substances Subject to Special Control : 117

Waste ²⁷ Designated ²⁸ Workplace ²⁹ Municipal

³⁰ Coating VOC value: ³¹ g/l ³² % ³³ Wood preservative

³⁴ g/l ³⁵ %

[Esc] End [F4] Printout of documentation for WHC [Ctrl W] Water hazardous contents [Ctrl A] ABM (NL) contents [Ctrl S] Solvents [Ctrl M] MAL code contents [Ctrl X] Ingredients Annex XVII
 [Ctrl R] Registry numbers

L. Colour

ECHA requires specific terminology for the colour but ChemGes provides an option for converting the ChemGes used terms to ECHA used terms.

This is available in the screen *Options for UFI, EuPCS and PCN notification*, under the option *Assignment of colors to PCN codes*.

Options for UFI, EuPCS and PCN notification

File Edit Help (S2.1.14)

UFI:

- 1 Transfer UFI from other preparations if they consist of 100% of this other preparation
- Variants:
 - 2 Separate UFI code for each variant
 - 3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical
 - 4 Separate PCN notification per UUID if different companies are used for variants 5 UID and UUID do not have to match
- 6 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)
- 7 Calculation of UFI also for non-hazardous preparations
- 8 Prefer notified UFI for the output in documents 9 If no notification has been issued yet, do not output anything

EuPCS:

Allocations

- 10 Flags PC-DET-1.OTH, PC-CLN-3
- 11 Article groups PC-TEC-18, PC-CLN-10.3
- 12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)
- 13 Uses PC-CLN-7 – Window cleaner
- 14 PC-Codes PC26 – PC-FUE-2
- 15 Otherwise, and if no code from the SDS could be determined F
- 16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)
- 17 Only the preferred codes should be displayed (to keep the list as short as possible)
- 18 Sort order in the overviews Code
- Transfer of flags / article groups Adoption of already defined EuPCSs for preparations
- 19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging: 20 Use defaults only for variants (Substances that are not variants are considered unpackaged)

- 21 Solids box 1 n.a., packet 2,5 g
- 22 Liquids bottle 10 ml, jug 1 n.a.
- 23 Aerosols tank 1 n.a., aerosol can 1 n.a.
- 24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to 25 Industry 26 Trade

- 27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)
- 28 Default pH value (This value is used if no pH value is defined for a product)
- 29 Fill liquid recipes < 70% to 100% with water
- 30 Output of ranges: Exact values The numbers are fitted into the ranges graduated from highes to lowest levels (80-100, 60-80, 40-60, ..., ...)
- From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[←], [Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UUID and S2S setup

These are set by default, using the colours already available in ChemGes. Any self-created colours would, of course, need to be assigned. This can be done, as well as the changing of any already existing assignment, by clicking into the *Assigned PCN phrases* column.

Assignment of phrases for the PCN submission to SDS phrases

File Edit Help (S2.1.14)

SDS phrases	Assigned PCN phrases	SDS phrases	Assigned PCN phrases
According to product specification	mixture containing generic product identifier 'colouring agent' (select all relevant colours)	Light beige	brown
Amber coloured	brown	Light blue	blue
Beige	brown	Light brown	brown
Black	black	Light green	green
Blue	blue	Light grey	grey
Bronze coloured	brown	Light orange colour	orange
Brown	brown	Light red	red
Clear	colourless	Light yellow	yellow
Cloudy	mixture containing generic product identifier 'colouring agent' (select all relevant colours)	Not determined.	mixture containing generic product identifier 'colouring agent' (select all relevant colours)
Coloured	mixture containing generic product identifier 'colouring agent' (select all relevant colours)	Opaque	mixture containing generic product identifier 'colouring agent' (select all relevant colours)
Colourless	colourless	Orange	orange
Copper coloured	red	Pale	mixture containing generic product identifier 'colouring agent' (select all relevant colours)
Cream coloured	brown	Pigmented	mixture containing generic product identifier 'colouring agent' (select all relevant colours)
Dark	black, grey	Pink	red
Dark beige	brown	Red	red
Dark blue	blue	Red-brown	brown, red
Dark brown	brown	Silver-coloured	silver
Dark green	green	Silver grey	grey, silver
Dark grey	grey	Transparent	colourless
Dark orange colour	orange	Various colours	mixture containing generic product identifier 'colouring agent' (select all relevant colours)
Dark red	red	Violet	violet
Dark yellow	yellow	White	white
Different according to colouring	mixture containing generic product identifier 'colouring agent' (select all relevant colours)	Whitish	white
Gold coloured	gold	Yellow	yellow
Green	green	Yellow-brown	brown, yellow
Grey	grey	Yellowish	yellow
Light	mixture containing generic product identifier 'colouring agent' (select all relevant colours)	Yellow tint	yellow

There are only a limited number of colors available for the PCN submission.
At least one of these colors must be used compulsorily, but also multiple answers are possible.
Default value in case of missing assignment: 'Mixture with generic product identifier 'Dye'.

[Esc] Exit [Ctrl+A-Z,1-9,0] Search

M. Emergency Contact:

The screenshot shows two overlapping windows from a software application. The top window is titled 'Country specific classifications' and contains various regulatory fields. The bottom window is titled 'PCN data' and contains submission details. In the 'PCN data' window, the 'Emergency contact' field is highlighted with a green border. The 'Emergency contact' field contains the text 'Dr. John Smith (DR-Software, Inc.)' and is marked as '(mandatory for the limited submission only)'. The 'Limited submission' checkbox is checked.

Country specific classifications

1 Seveso III: Qualified quantities: 50 t, 200 t, Category: H2
 2 Annex XVII REACH (Restrictions) [5, 28, 29, 72]
 Waste # 3 03 01 05
 4 Relevant waste hazards HP6, HP7, HP8, HP11, HP13
 Detergent Regulation: 5 Fragrance
 6 Essential oil
 7 Dye
 8 Cosmetic product according to Regulation 1223/2009/EC 9 Leave-on Product
 10 Biocidal Products Regulation
 UFI code and EUPCS: 11 Company DR Software GmbH 12 Contains unknown ingredients
 13 Code PV90-K0D0-W00M-WK0G 14 EuPCS PC-ADH-1

PCN data

1 Market placement In accordance with applied EU-SDS country versions
 2 Packaging aerosol can 1 n.a., baitbox 1 n.a.
 3 Emergency contact Dr. John Smith (DR-Software, Inc.) (mandatory for the limited submission only) 4 Limited submission
Submission status
 5 PCN Number b8375641-3237-4351-9aeb-268e9fac9e0 (automatically generated with initial submission and required for all update notifications)
 6 Submission number (for submission via S+S service)
 7 Status PCN dossier has already been created, but has not been reported via S+S or there is no S+S submission number available
Creation PCN dossier
 for the main substance and all variants
 for the main substance and all variants with this VATIN
 for the main substance only

[Esc] Exit [Ctrl I] UUID and S+S setup [F7] Check changes for update submission

[Ctrl R] Registry numbers

The emergency contact information is only necessary for *Limited Submissions*. It can be set up by clicking into the line and creating a new contact. You must fill in all fields marked with a * (see below).

The screenshot shows a dialog box titled 'Emergency contact'. It contains several input fields, some of which are marked with an asterisk to indicate they are mandatory. The fields are: Organisation (DR-Software, Inc.), Title (Dr.), First name (John), Last name (Smith), Phone (123 456 789), Email (johnsmith@anysite.com), and Countries (Austria, Belgium, Bulgaria). The 'Input mandatory' note is at the bottom left. The dialog box has 'Exit' and 'Delete' buttons at the bottom.

Emergency contact

1 Organisation DR-Software, Inc. *
 2 Title Dr.
 3 First name John
 4 Last name Smith *
 5 Phone 123 456 789 *
 6 Email johnsmith@anysite.com *
 7 Countries Austria, Belgium, Bulgaria *
 * Input mandatory

[Esc] Exit [Alt Delete] Delete

After creating a contact, you choose it for output and then you can activate the *Limited submission*.

Limited submissions are permitted for mixtures that are only for Industrial Use. In the *Physical Data* screen you can activate the purpose of the substance ('**Industry or trade**'). Then in the *Options for UFI, EuPCS and PCN notification* screen, define '**Industry**' for the purpose of your PCN notifications.

Physical data

File Edit Help (52.1.14)

Basic screen Formulation Physical data Country specific classifications Transport

1 State liquid

2 Flash point 5 °C CAS

3 Boiling point 77 °C CAS

4 Melting point °C

5 Water miscible/water soluble

6 Density g/cm³

Purpose: Public Industry or trade

Ready-to-use product for the final customer

The product will be applied by spraying or splattering

Product is in aerosol package or container with sealed spray attachment

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging: Use defaults only for variants (Substances that are not variants are considered unpackaged)

21 Solids box 1 n.a., packet 2,5 g

22 Liquids bottle 10 mL, jug 1 n.a.

23 Aerosols tank 1 n.a., aerosol can 1 n.a.

24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to Industry Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)

28 Default pH value (This value is used if no pH value is defined for a product)

29 Fill liquid recipes <70% to 100% with water

30 Output of ranges: Exact values The numbers are fitted into the ranges graduated from highest to lowest levels (80-100, 60-80, 40-60, ..., ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

[Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UUID and S₂S setup

[Esc] End [Ctrl F4] Recalculate physical values [Ctrl P] Additional physical-/chemical values * [Ctrl L] Physical data of contents

N. PCN number:

Preparation screens

File Edit Help (50.0.12)

Basic screen Formulation Physical data Flammability Country specific classifications Transport

1 Seveso III: Qualified quantities: 50 t, 200 t, Category: H2

2 Annex XVII REACH (Restrictions) 5, 28, 29, 72

Waste # 03 01 05 Relevant waste hazards HP6, HP7, HP8, HP11, HP13

Detergent Regulation: Fragrance Essential oil Dye

Cosmetic product according to Regulation 1223/2009/EC Leave-on Product

10 Biocidal Products Regulation

UFI code and EUPCS: 11 Company Chemix GmbH Contains unknown ingredients

13 Code H7K0-P0AH-M00M-2PH5 14 EuPCS PC-ADH-1

PCN data

File Edit Help (50.0.12)

1 Market placement In accordance with applied EU-SDS country versions

2 Packaging aerosol can 1 n.a., baitbox 1 n.a.

3 Emergency contact Dr. John Smith (DR-Software, Inc.) (mandatory for the limited submission only) Limited submission

Submission status

1 PCN Number b8375641-3237-4351-9aeb-268e9facf9e0 (automatically generated with initial submission and required for all update no...)

6 Submission number (for submission via S₂S service)

7 Status PCN dossier has already been created, but has not been reported via S₂S or there is no S₂S submission number available

Creation PCN dossier

for the main substance and all variants

for the main substance and all variants with this VATIN

for the main substance only

[Esc] Exit [Ctrl I] UUID and S₂S setup [F7] Check changes for update submission

[Ctrl R] Registry numbers

The PCN number identifies the dossier. It is generated by ChemGes upon first generation of the dossier and is used in the update dossiers. Only if the formulation changes, is a new PCN number generated and the old PCN number will be notified for reference purposes. A changed market placement also requires a new PCN number, but without reference to the original dossier.

If you have a PCN number from a previous notification, then you can enter it here. If this is the first time this preparation is being notified, then leave the field blank. Once the notification is completed, you will be provided with a unique PCN number for your preparation, which is then used in the future for identifying the preparation. ChemGes fills this field in automatically after you have completed the notification.

O. Submission number and Status:

The field **Submission number** is automatically filled in once the submission is completed. ChemGes will also identify your submission status in the field **Status**.

The screenshot shows the 'PCN data' application window with the following fields and values:

- Market placement:
- Packaging:
- Emergency contact: (mandatory for the limited submission only) Limited submission
- Submission status**
 - PCN Number: (automatically generated with initial submission and required for all update notifications)
 - Submission number: (for submission via S2S service)
 - Status:
- Creation PCN dossier**
 - for the main substance and all variants
 - for the main substance and all variants with this VATIN
 - for the main substance only

At the bottom, there are four buttons: [Esc] Exit, [Ctrl |] UUID and S2S setup, [F5] Query submission status, and [F7] Check changes for update submission.

If the PCN notification was not successful, ChemGes will provide you with details, in this field.

The screenshot shows the 'PCN data' application window with the following fields and values:

- Market placement:
- Packaging:
- Emergency contact: (mandatory for the limited submission only) Limited submission
- Submission status**
 - PCN Number: (automatically generated with initial submission and required for all update notifications)
 - Submission number: (for submission via S2S service)
 - Status:
- Creation PCN dossier**
 - for the main substance and all variants
 - for the main substance and all variants with this VATIN
 - for the main substance only

At the bottom, there are three buttons: [Esc] Exit, [Ctrl |] UUID and S2S setup, and [F7] Check changes for update submission.

Dossier Creation and Submission:

A. Creation:

Note: The implementation date for the PCN notification was moved from January 1, 2020 to **January 1, 2021** as per Regulation (EU) 2020/11 (L 6, 01.10.20).

The possibility of a fully automatic transfer of data to the ECHA server („System-to-System) is possible with ChemGes.

In order to create your PCN dossier, ensure the data fields discussed in the first part of this document, are filled in based on your needs. Then proceed by choosing one of these three options in the *PCN data* screen.

Creation PCN dossier – By clicking one of the three options:

1. *for the main substance and all variants*
2. *for the main substance and all variants with this VATIN*
3. *for the main substance only,*

you can choose the extent of coverage for the dossier you wish to generate.

If you create a PCN dossier from the main substance screen or from the variant screen, the dossier will contain the main substance and all of its variants (unless only the main substance option is chosen). In order to deactivate this default setting, activate the option **Separate PCN notification per UUID if different companies are used for variants** (in *Maintenance programs – Program adjustments – Settings for UFI, EuPCS and PCN notification*). Once this is activated, separate notifications will be created for each variant that has a different VATIN than the main substance. Any that have the same UID, will still be contained in one dossier with the main substance.

Options for UFI, EuPCS and PCN notification

File Edit Help (52.1.14)

UFI:

1 Transfer UFI from other preparations if they consist of 100% of this other preparation

2 Separate UFI code for each variant

3 Also calculate separately if no company number or VATIN has been entered and the EuPCS is identical

4 Separate PCN notification per UUID if different companies are used for variants * UID and UUID do not have to match

6 No recalculation of UFIs after alterations (Alterations in preparations will only be recalculated again after deactivation of this general lock)

7 Calculation of UFI also for non-hazardous preparations

8 Prefer notified UFI for the output in documents * If no notification has been issued yet, do not output anything

EuPCS:

10 Allocations: 10 Flags PC-DET-1.OTH, PC-CLN-3

11 Article groups PC-TEC-18, PC-CLN-10.3

12 Customer allocations PC-CLN-1, PC-DET-3.3 (only variants)

13 Uses PC-CLN-7 – Window cleaner

14 PC-Codes PC26 – PC-FUE-2

15 Otherwise, and if no code from the SDS could be determined F

16 Preferred codes PC-CLN-10.1, PC-DET-2.2, PC-FER-1 (so that they are displayed first in the overview)

17 Only the preferred codes should be displayed (to keep the list as short as possible)

18 Sort order in the overviews Code

Transfer of flags / article groups Adoption of already defined EuPCSs for preparations

19 For variants always use EuPCS from the main substance

PCN submission: Assignment of colors to PCN codes

Defaults for the packaging: 20 Use defaults only for variants (Substances that are not variants are considered unpackaged)

21 Solids box 1 n.a., packet 2,5 g

22 Liquids bottle 10 mL, jug 1 n.a.

23 Aerosols tank 1 n.a., aerosol can 1 n.a.

24 Gases aerosol can 1 n.a.

Setting Industry / Trade applies to 25 Industry 26 Trade

27 Default value for the Market Placement Belgium, Estonia (only necessary, if always a specific set of countries shall be used)

28 Default pH value (This value is used if no pH value is defined for a product)

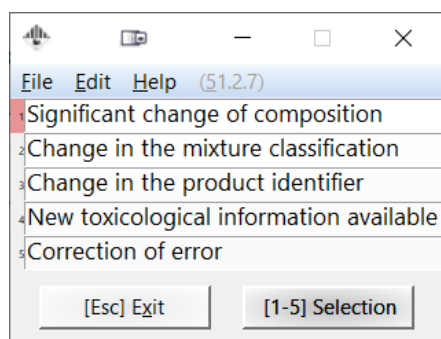
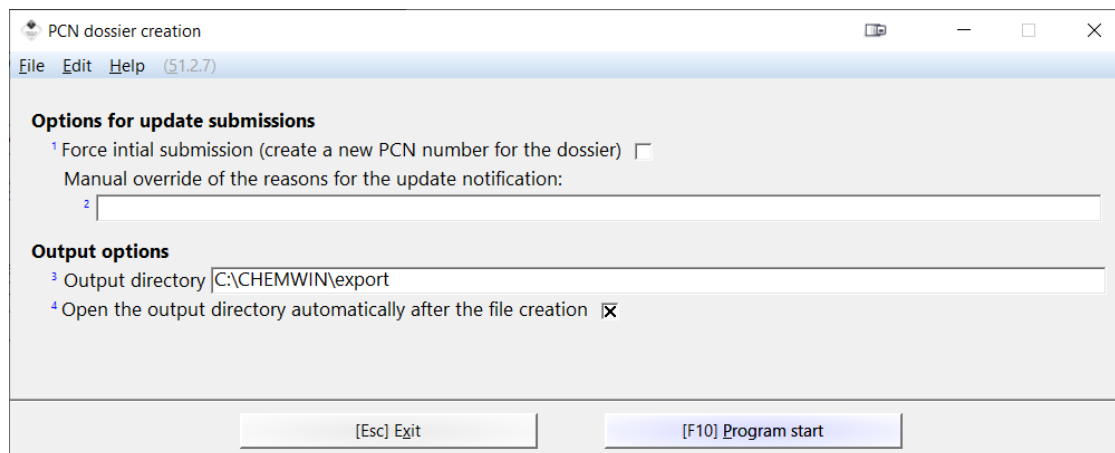
29 Fill liquid recipes <70% to 100% with water

30 Output of ranges Exact values The numbers are fitted into the ranges graduated from highest to lowest levels (80-100, 60-80, 40-60, ...)

From-till-values Output based on the 'to' value only. The 'From' value is ignored and the permitted limits are applied to t...

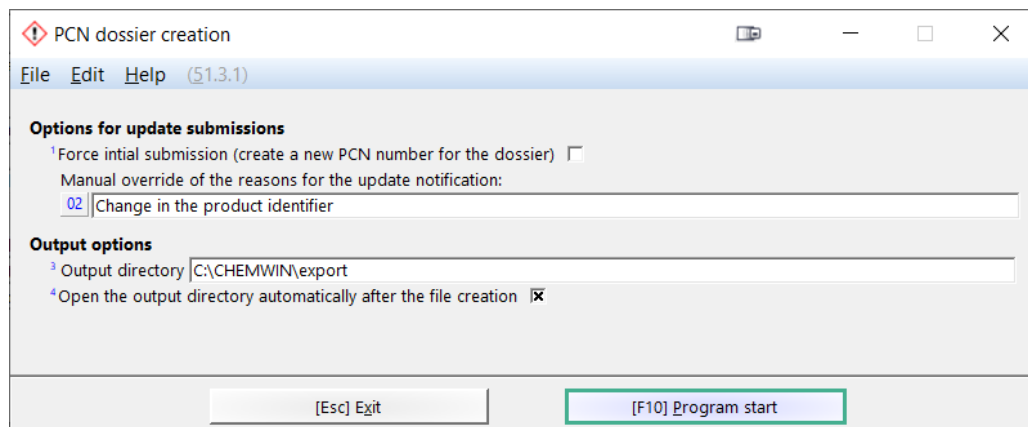
[Esc] Exit [F9] PCN transfer programs [F1] Maintenance of ECHA Legal Entities [Ctrl I] UUID and S2S setup

Upon clicking on any of the **Creation PCN Dossier** options, a screen will open, where additional information/settings, can be entered/activated.

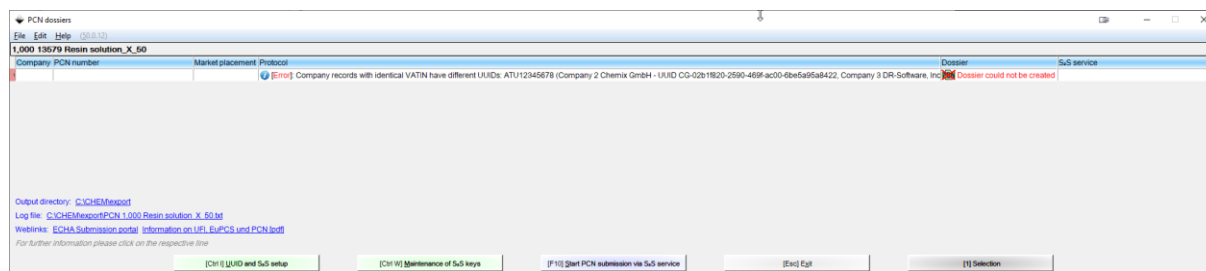


Output options – Here you can define the *Output directory* for the dossier and activate the opening of the *output directory automatically after the file creation*.

In order to generate the PCN dossier, after all information is entered, simply click the button *F10 Program start* in the *PCN dossier creation* screen.



If the dossier generation was not successful, then ChemGes will provide you with a notification thereof, including details as to the reason.

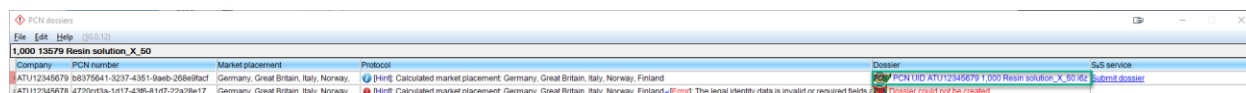


B. Submission:

Now you have the option to either manually upload the generated PCN dossier(s) into the ECHA PCN portal or use the S₂S-Service for an automatic bulk upload, from ChemGes.

Manual upload

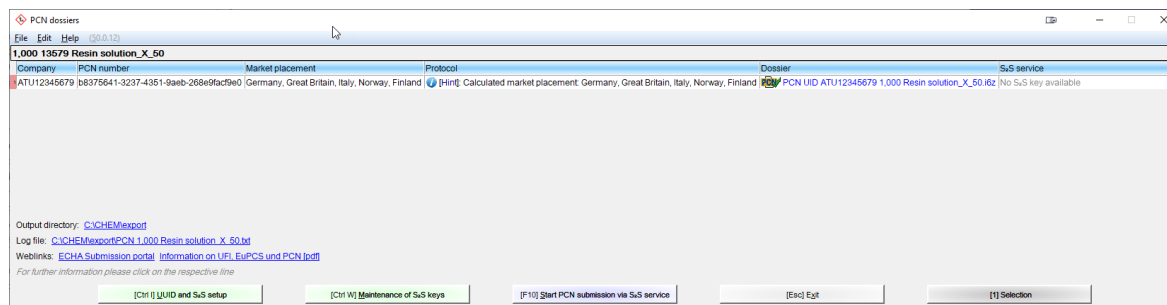
For the manual upload, simply click into the dossier name, to access its location on your system.



This screen provides the details regarding **Company** VATIN, the **PCN number**, the **Market placement**, and additional information under **Protocol**, as well as name of the **Dossier**, which when clicked, will take you to the location of the dossier, and the **S₂S service** information. The **S₂S service** field will note that *no S₂S key is available*, provide an upload link or show the S₂S submission status, if the dossier has been transferred.

Upload using the S₂S-Service

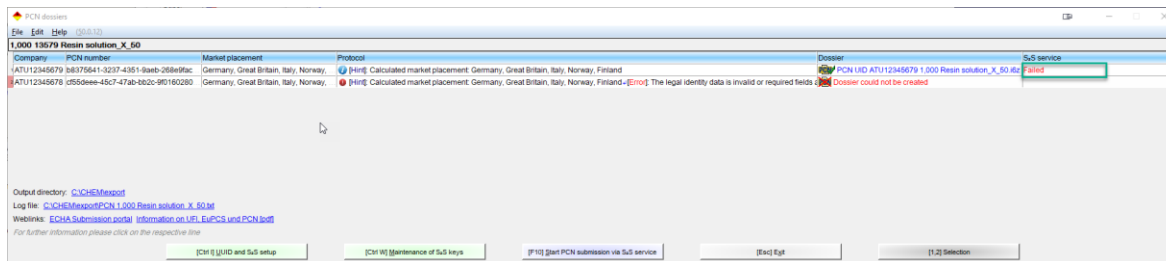
If you wish to upload the PCN dossier to the ECHA-PCN-Portal, using the **S₂S-Service**, press **[F10]** *Start PCN submission via S₂S service*, to upload all dossiers at once. By clicking on the individual links in the **S₂S service** column, you can upload the dossiers one at a time.



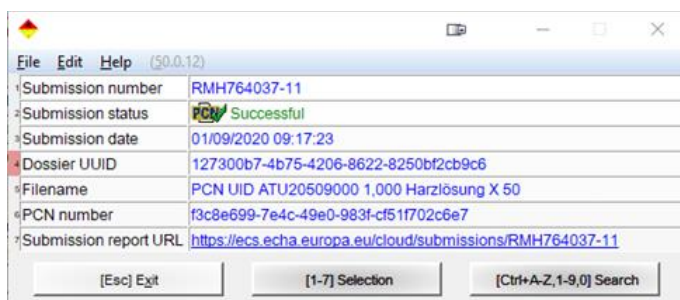
Additionally, this screen provides links to the **Output directory**, the **Log file** and **Weblinks** for the *ECHA Submission portal*, as well as the *Information on UFI, EuPCS and PCN* document (this document).

Note: For the use of the S₂S Services, it is first necessary to apply for an **S₂S Key** via the ECHA-PCN-Portal, and then adopt it into the ChemGes data entry for the appropriate ECHA Legal Entity. This topic is discussed under **S₂S Key**, above (see page 8).

If the submission fails, ChemGes informs you thereof in the *PCN dossier* screen:



If the submission is a success, the following screen opens:



Bulk upload

You can find this option in [Ctrl] [2] **Data output** – *Declarations to authorities and institutions – ECHA PCN notification*.

In this menu item, you can define the settings for the PCN Bulk notification. It is recommended that the bulk notification is only used when the notification will be performed via S₂S, because individual dossiers are generated for each notification and ECHA currently does not provide the option for a bulk upload. Therefore, the notification of a number of dossiers at once, can only be done via S₂S. If you have not yet set up S₂S, it is necessary to upload the dossiers generated in ChemGes, to the PCN portal, individually.

After selecting the option, you can define settings (with which new notification definitions are initialised) or default notification definitions.



Selection criteria:

Here you can define the **Legal entity**, as well as the selection criteria for the **Preparations**, for which the bulk notification is to be performed.

The option **File with product codes** allows for the selection of a file with product codes, for which the bulk notification is to be done.

Additional information for the file format:

Additionally, you can define under **Record types**, whether the bulk notification for the selected preparation, is to be performed for the **Main substance** and / or the **Variants**.

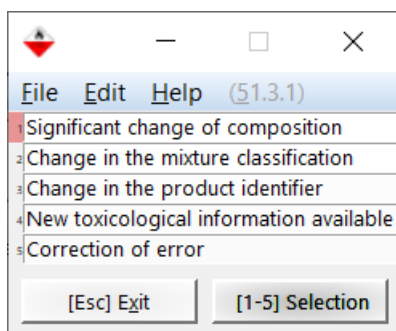
Using the option **Treat variants of MiM records as 100% formulation**, you can define that the variants of preparations that are marked as MiM records are automatically notified as 100% preparations of the MiM record, as long as the variant itself has a defined company and a UFI.

Note: Additional information to MiMs, can be found under **F. MiM** (see page 33).

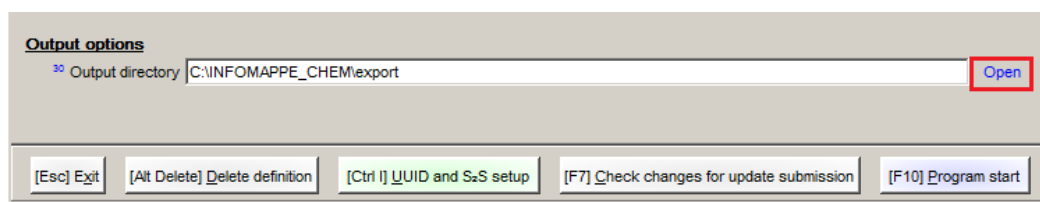
In **Notification types** you can define, which types of notification are to be performed in the notification. This way, it is possible to define that, for example, only **Initial submissions** or only specific types of **Update notifications** are performed.

Notification options:

With these options you can force an **Initial submission** and perform a *Manual override of the reasons for the update notification* (see below).

**Output options:**

Here you can set the *Output directory* for this specific notification definition. By pressing **Open** you can access the output directory and open the created file.



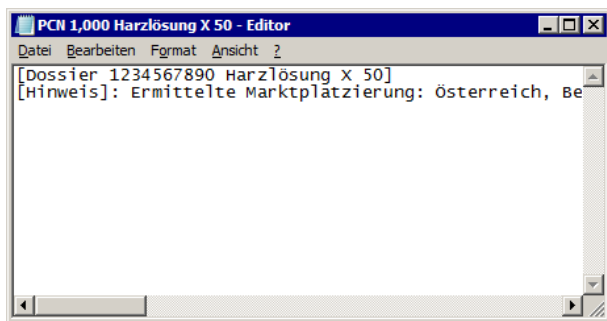
The button **[F7]** allows you to **Check changes for the update submission**. This function checks whether, for example, an **Update notification** or an **Initial notification** is necessary.

A protocol file in xlsx format is created for single notifications, as well as checks and bulk notifications. This file contains the preparations that were part of the notification and the result (Dossier file name, error protocol and in the case of a transfer via S₂S, also the submission number and the resulting submission status from ECHA).

The following information is displayed:

A	B	C	D	E	F	G
Preparation number	PCN number	Product code	Dossier	Protocol	Submission number	Submission status
1,000	f5d23c27-f46-465f-935e-fd24c347cd9c	1234567890	PCN UID ATU20509000 1,000 Resin solution X 50.i6z	PCN 1,000 Resin solution X 50.txt		
		123456				
		34567811				
		ABCD				

In the column **Protocol**, the file name of the corresponding protocol is shown. This file can be opened via **Open** under **Output options** (see above).



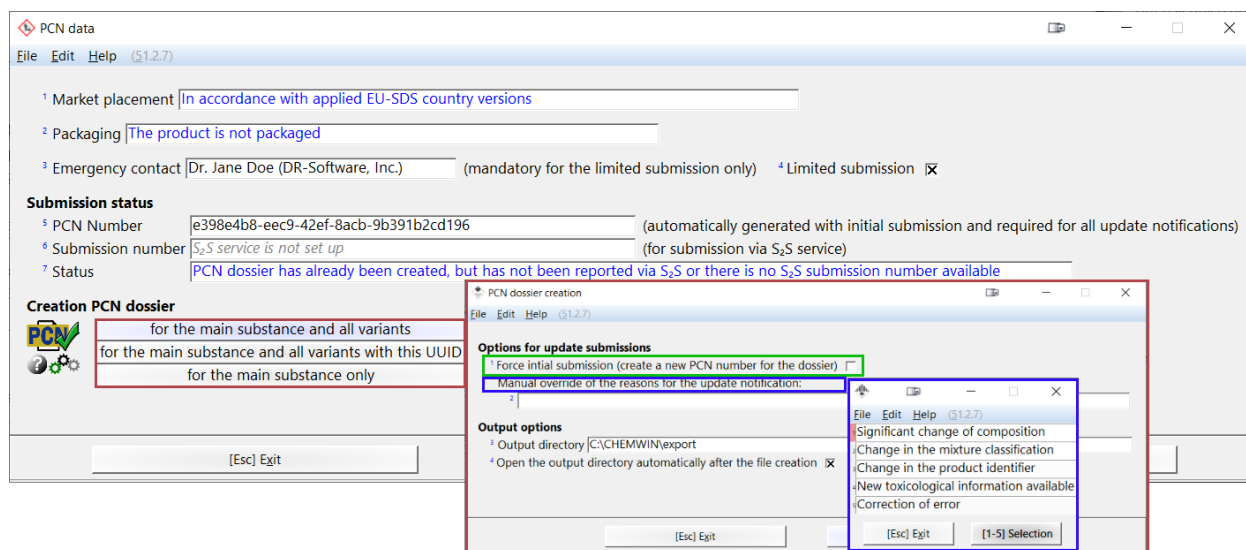
The output of the bulk notification can be started by pressing **[F10] Program start.**

By pressing **[Alt] [Delete]** you can **delete** the selected **definition.**

Pressing **[Esc]** allows you to leave the definition.

C. Change Submission:

In the screen *PCN data*, you will find the **Options for update submission.**



These options are available if a submission has been performed. They allow the generation of an *initial submission*, even if one has already been done, and the *Manual override of the reason for the update notification*. They are necessary because if the dossier has already been generated, and you attempt to run it again, ChemGes automatically verifies whether and what changes have occurred that would merit a new notification. If no changes are found or forced, ChemGes will provide an error message (see below), since ECHA does not accept update dossiers without change reasons.

Note: By pressing **[F7] Check changes for update submission**, you can check whether the creation of an updated dossier is necessary. ChemGes will show you the various changes

Example:

The screenshot displays the 'PCN data' application window with the following fields and options:

- Market placement:**
- Packaging:**
- Emergency contact:** (mandatory for the limited submission only) Limited submission
- Submission status:**
 - PCN Number:** (automatically generated with initial submission and...)
 - Submission number:** (for submission via S+S service)
 - Status:**
- Creation PCN dossier:**
 - for the main substance and all variants
 - for the main substance and all variants with this VATIN
 - for the main substance only

Buttons at the bottom: [Esc] Exit, [Ctrl] [I] UUID and S+S setup, [F7] Check changes for update submission

Check window (open):

- Initialization
- Dossier 13579 Resin solution_X_50
- Check group submission
- Market placement (1,000) 5
- Determine notification languages
- PCN b8375641-3237-4351-9aeb-268e9fac9e0
- Analyze formulation

Information window (open):

- [b8375641-3237-4351-9aeb-268e9fac9e0]:**
- Change in the product identifier
- OK