

Country specific information

File Edit Database Help (51.0.2)

Physical data Additional physical-/chemical values TLVs Toxicological values Substance listings Transport **Country specific information**

1 Seveso III: Qualified quantities: 5 t, 50 t, CAS 50-00-0 TA-Luft: 23 Type Class 24 1

Biocidal Products Regulation 2 Biocidal active substance 3 Nanomaterial

4 Annex XVII REACH (Restrictions) 3, 28, 72 25 1

Waste # 6 Waste hazards HP6, HP7, HP8, HP11, HP13 26

7 ECHA notification - Reference Number

Chemical Safety Assessment available

8 Storage class (LGK) acc. to TRGS510 6.1 C 27 Waste # 28 VbF -

9 VbF - BetrSichV - 29 Waste #

10 Water hazard class 11 3 12 Type List classification MAL Code 5-6

13 The substance is subject to annex 2 of the ChemVerbotsV 30 Factor 1 from 0.1% → 50,000, Hazard from 1% → 6

Groups: 14 Causing cancer I(2) 31 Factor 2 from 0% → 2,500, Hazard from 0.1% → 3

15 Pregnancy C 32 ABM Z(1) 33 Black list

16 Mutative 5 34 Waste Designated

17 Exposure peak limit 4 35 Workplace

BAT values: 18 Parameter 36 Municipal

19 Value 20 Unit 37 RTECS # LP 8925000

21 Material 38 Respiration filter BK

22 Moment 39 Customs tariff number 2912 11 00

40 Test tube Dräger

41 Substance groups for California Cleaning Product Right to Know Act

Registration 42 22-2345-XXX-XXXX

Pre-registration 43 Tonnage band - 44 Deadline for registration 45 Pre-registered substance

46 HMIRA numbers

47 Special percentage limits for the SDS acc. to presetsings

OK

b. For a preparation, this is option 20 in the database tab *Country Specific Classifications* [Maintenance of preparations].

Country specific information

File Edit Help (51.0.2)

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

1 Seveso III: Qualified quantities: 200 t, 500 t, Categories: E2, P5c

2 Annex XVII REACH (Restrictions) 3, 48

Waste # 3 08 01 11* 4 Relevant waste hazards HP3, HP4, HP5, HP10, HP13, HP14

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 Betonwerk Zement 12 Contains unknown ingredients

13 Code KCO0-DORX-X006-GAQT 14 EUPCS

15 ECHA notification

Chemical Safety Assessment available

17 WHC (Water hazard class) 2 18 Storage class (LGK) acc. to TRGS510 3

VbF - BetrSichV Flammable liquid

19 The product is subject to annex 2 of the ChemVerbotsV

20 GISCode (BG BAU)

21 ABM A(2) 22 MAL-Code 4-5 23 Waste # 55,503 24 Waste #

VbF -

25 Dangerous Substances and Quantity of Dangerous Substances 제 4: 200 리터

26 Hazardous Substances Subject to Special Control

Waste Designated 27 28 Workplace 29 Municipal

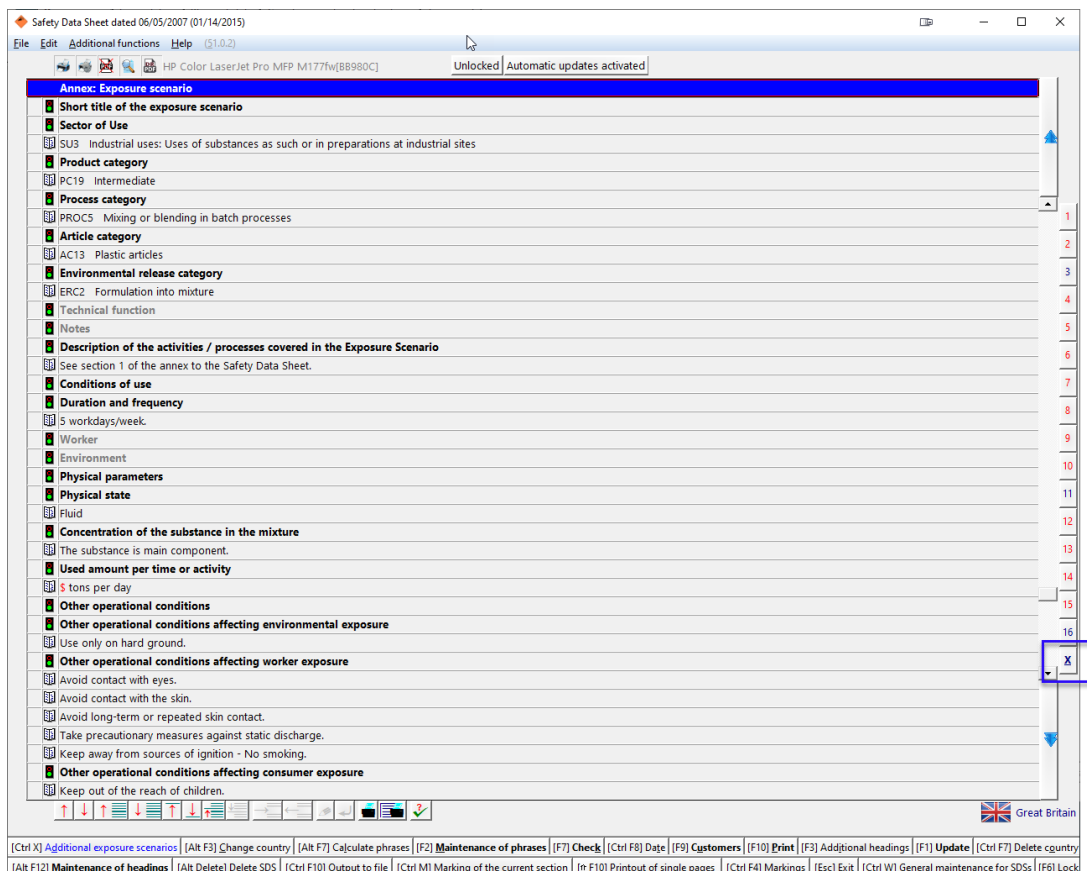
30 Coating VOC value: 31 500.0 g/l 32 50.00 % 33 Wood preservative

34 500.0 g/l

35 50.00 %

[Esc] End [Ctrl F4] Calculate the WHC (D) [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

- Then enter the editing screen of the SDS for which the Exposure Scenarios (ESs) are to be created [by pressing F8 in the *Maintenance of raw materials / preparations*]. There, the first ES is generated by going to **Section X** (below Section 16) and filling in the necessary data. All fields, for which the ChemGes database contains data, are automatically populated.



- Conditions by which phrases are selected can be used for a more automated output (see steps 8 and 9) of information that does not automatically appear on the ESs.
- The creation of additional ESs is a little more complicated. The following points are an introduction to the principles behind the steps that are listed below.
 - Additional ESs are created by means of **Templates**.
 - Templates** are generated for **Dummy Substances**.
 - Dummy Substances** are fictional substances and are not copies of the substance for which the additional scenarios are being creating.
 - Dummy Substances** are merely substances created with a Specific Use and Exposure in mind and simply have similar characteristics to substances to which the ES is to be applied. These similar characteristics must be general enough to apply to all substances

to which this Use and Exposure apply. In this way, the **Templates** can be used over and over again for many different substances. (Compare this concept to the Labeling module, in which templates are created (in the *Maintenance of Labels*) which are then chosen for individual substances and automatically populated.)

Consider this Example:

- Company XY sells paint. This paint is either applied outdoors or indoors and on either wood or on plastic.
- Company XY generates **4 Dummy Substances**
 - The first substance is called *Outdoor Use on Wood*
 - The second substance is called *Outdoor Use on Plastic*
 - The third substance is called *Indoor Use on Wood*
 - The fourth substance is called *Indoor Use on Plastic*
- The ESs created for these four dummy substances are called **Templates**
- Company XY produces Product A (for Indoor and Outdoor use)
- Company XY assigns the four exposure scenarios to Product A.
- Thus, Product A now has the ES that was created with its SDS and these four other Templates (Further discussion will come later regarding the ES created for the actual substance SDS).
- The Dummy Substances assigned to these Templates have similar general characteristics (to the extent applicable to the ES) as Product A, but they are not copies of Product A.
- These Dummy Substances can then also be used for Product B, if it has these similar characteristics.
- Upon linking these **Templates** to Product A, it becomes possible to make them more specific (only the linked copies and not the original templates) to Product A. This is done with phrases and conditions. In this way the appropriate information is then automatically output in the SDS and the ES and the legislatively required link is created.

Steps for generating additional Exposure Scenarios:

1. Generate **Templates** via dummy raw materials (with pseudo-CAS numbers) or dummy preparations (with new preparation numbers)

These will be interchangeable:

- a. One can use **Raw Material Dummy Templates** for Raw Material Exposure Scenarios and for Preparation Exposure Scenarios. The same applies for **Preparation Dummy Templates**. For example, when generating an ES for Product A (a preparation) from Company XY, one might want to use a phrase that can only be accessed in Raw Material SDSs. Therefore, one can use a raw material dummy template and link it to Product A.

- b. Equally it is possible to link a mix of raw material and of preparation templates, if desired.

Maintenance of raw materials

File Edit Database Help (51.0.2)

CAS number (745) ¹ Index number ² EC number

³ Indoor Use on Wood

⁴ Product code

⁵ Variant No variants created

⁶ Main substance No main substance is assigned and this substance is not the main substance for other substances.

⁷ Flag

⁸ Article group ⁹ Substance groups

¹⁰ **GHS classification**

Danger

3.1/1; Acute Tox. 1 - H300 Fatal if swallowed.

3.1/3; Acute Tox. 3 - H301+H311+H331 Toxic if swallowed, in contact with skin or if inhaled.

3.1/3; Acute Tox. 3 - H311+H331 Toxic in contact with skin or if inhaled.

Danger

3.4/1; Resp. Sens. 1 - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

The substance is not part of the DR software database.

GHS areas Pre-selected All

¹¹ Last alteration 04/09/2020

[Alt F11] Memo [Ctrl X] Locking for Updates

¹² State unknown

¹³ Flash point unknown °C

¹⁴ Boiling point unknown °C

¹⁵ Density

¹⁶ pH value

Viscosity ¹⁷ at 20° mPas

¹⁸ at 40° mm²/s

¹⁹ Water soluble

²⁰ Solvent ²¹ VOC ²² USA Exempt

F3 Additional physical Values

F7 Self-defined physical/chemical data

²³ Alt+6 Transport Auto

ADR: 6.1

ADR Code: T5, PG: I, UN: 3288

DOT: 6.1

PG: I, UN: 3288

IMDG: 6.1

PG: I, UN: 3288, EmS: F-A,S-A

IATA: 6.1

PG: I, UN: 3288

²⁴ DSD -

²⁵ NFPA Ctrl N NFPA/HMIS

Ctrl T Tox values

Ctrl L Substance listings

Ctrl M TLVs

Alt+7 Country specific values

[F8] SDS [F6] Label [F5] Internal Plant Instruction

[Esc] Save and exit [F1] Translations of the descriptions [Alt F3] Variants [Ctrl F7] Tzcard [Alt F8] PDF files (-) [Alt F11] Memo [Ctrl F8] Versions of old SDSs [F6] Copy label [Alt Delete] Delete

[Ctrl C] Copy/alteration/exchange [Page 1] Occurrence in preparations [Ctrl I] Data for ISS notification [Ctrl P] Product information [Home] Price [Alt 9] Reference [Ctrl R] REACH Pre-registration

Maintenance of preparations

File Edit Print programs Help (5.1.0.2)

Basic screen Formulation Physical data Country specific classifications Transport

Preparation 10,012 Outdoor Use on Wood

Product code

Variant No variants created

Flags

Article group

GHS classification (Locked H phrases)

Danger
 2.6/2; Flam. Liq. 2 - H225 Highly flammable liquid and vapor.

Warning
 3.7/2; Repr. 2 - H361 Suspected of damaging fertility or the unborn child.
 3.7/2; Repr. 2 - H361d Suspected of damaging the unborn child.
 3.9/2; STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.

Warning
 3.2/2; Skin Irrit. 2 - H315 Causes skin irritation.
 3.3/2A; Eye Irrit. 2A - H319 Causes serious eye irritation.
 3.3/2; Eye Irrit. 2 - H319 Causes serious eye irritation.
 3.4/1; Skin Sens. 1 - H317 May cause an allergic skin reaction.
 3.8/3; STOT SE 3 - H336 May cause drowsiness or dizziness.

Warning
 3.1/5; Acute Tox. 5 - H303 May be harmful if swallowed.

State liquid

Flash point unknown °C

Boiling point unknown °C

Density

pH value

Viscosity at 20° mPas

at 40° mm²/s

Water miscible/water soluble

F3 Further physical values

F7 Self-defined physical/chemical data

Alt+6 Transport Auto

ADR: -

DOT: -

IMDG: -

IATA: -

DPD -

NFPA Ctrl N NFPA/HMIS

F2 Formulation Ctrl F2 Breakdown of formulation

Page 1 Quotients Ctrl L Substance listings

Ctrl T Tox values Alt+S Country specific values

[F8] SDS [F6] Label [F5] Internal Plant Instruction

[Ctrl X] Lock

GHS areas Pre-selected All

Creation 04/09/2020 Last alteration 04/09/2020 Last classification 04/09/2020

[Alt F1] Memo

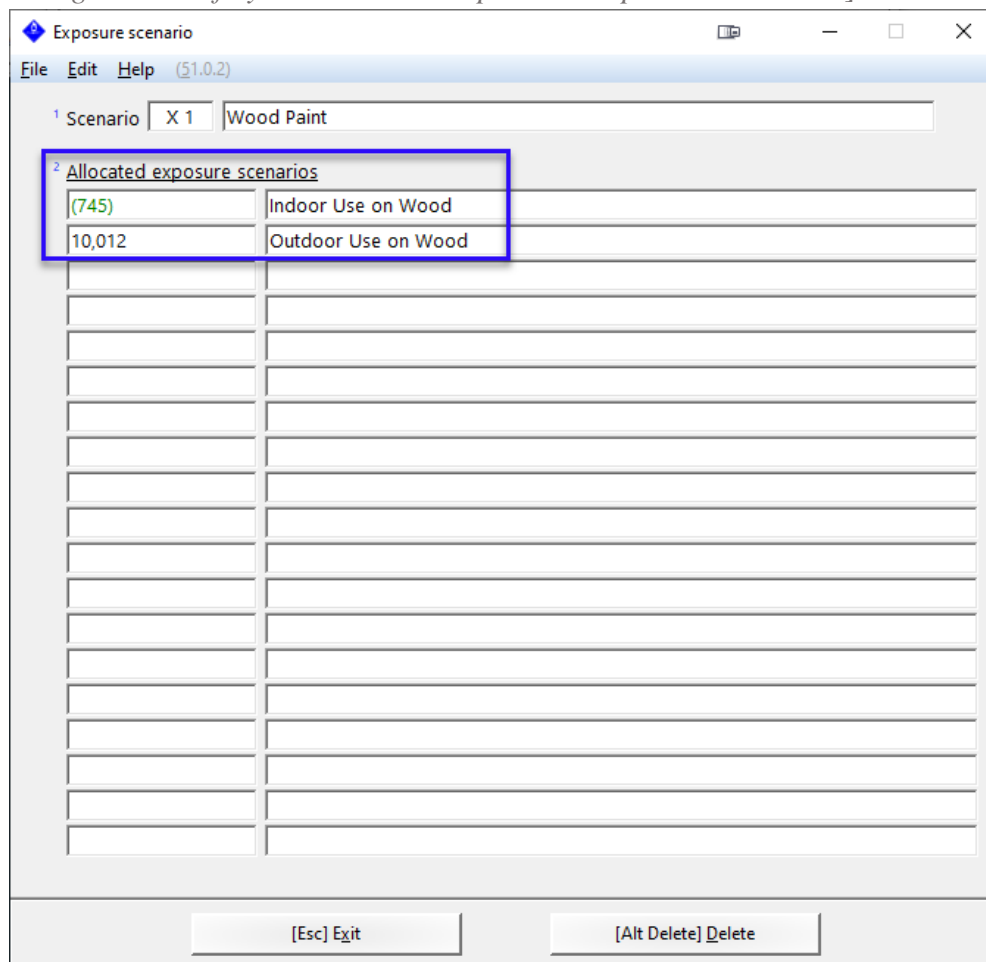
[Ctrl G] GHS-Ableitung [Alt F8] PDF files (-) [F10] Classification [Alt F3] Variants [Ctrl P] Production information [Ctrl F7] Itemcard [Ctrl C] Cgpy/Exchange [F1] Translations of the descriptions [Ctrl F8] Versions of old SDSs

[↵, Esc] Save and exit [Alt Delete] Delete [Page 1] Occurrence in preparations [Home] Price [F6] <Shift+F6> Copy label [Ctrl F10] Classification with print [Ctrl M] Data for BFR report [Ctrl I] Data for ISS notification

2. When generating these **Dummy Substances** (raw materials or preparations) the following actions must be taken for the newly created substance:
 - a. Assign a *Substance Name* that is representative/descriptive of the Exposure Scenario Template.
 - b. Give the substance all of the necessary *Characteristics*, that both apply to every substance that uses this Template and to the actual ES that is to be described by the template.

3. These Templates can be grouped so that it is not necessary to link individual exposure scenarios every time. In reference to our paint example above, it is possible to generate a group of ESs for Wood paint (a group consisting of two exposure scenarios, the application outdoors and the application indoors) and in the future select the group of templates rather than the individual ESs.

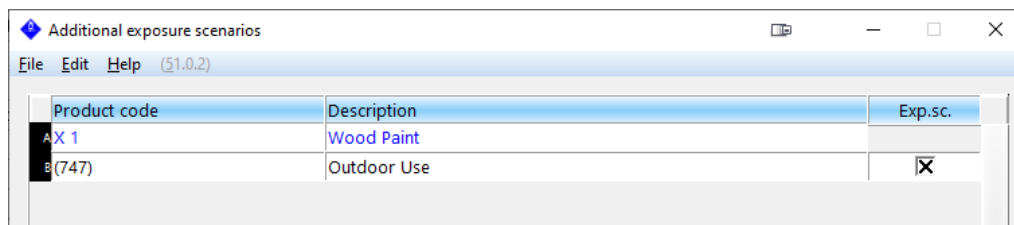
- a. This can be done in the **Exposure Scenarios** maintenance screen [*Maintenance Programs – Safety Data Sheets – Options – Exposure Scenarios*].



4. Now return to the SDS for which additional ESs are to be created. At the bottom of the screen is the option **[Ctrl] [X] Additional Exposure Scenarios** (red when ESs are linked). After clicking on this button, the screen for the allocation of additional ESs, opens.

[Ctrl X] Additional exposure scenarios |

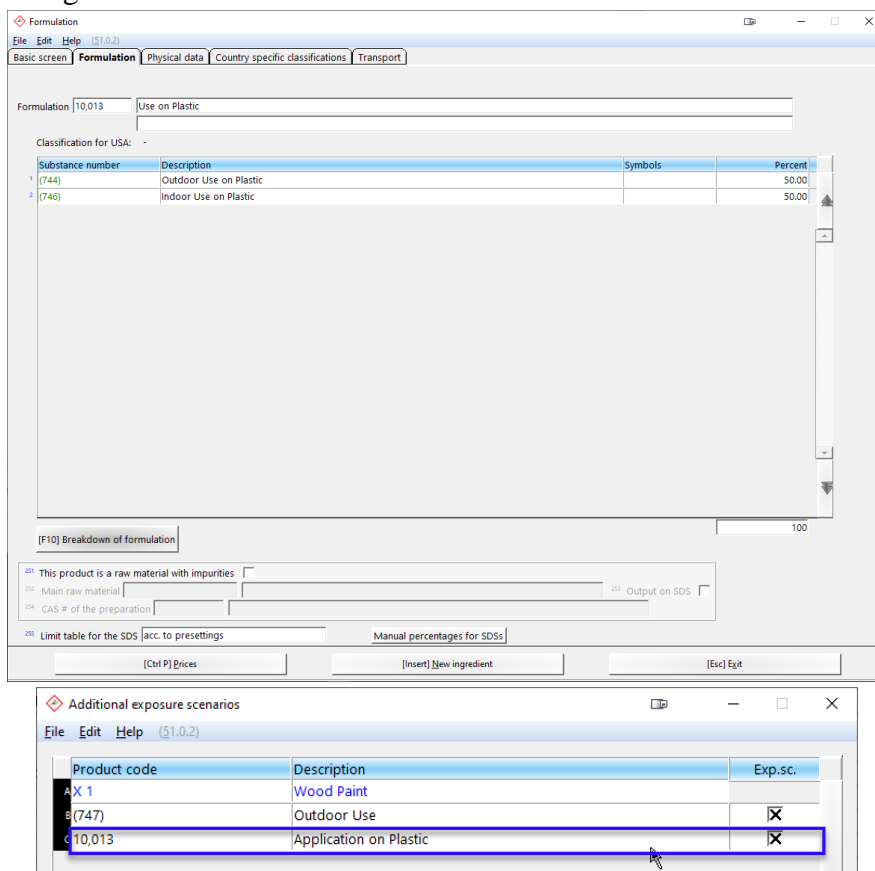
[Ctrl X] Additional exposure scenarios (2) |



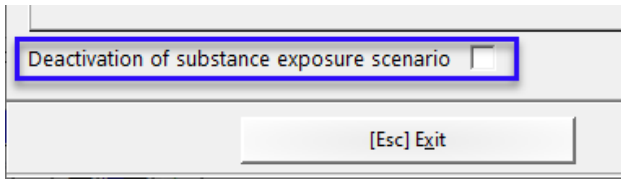
5. Here Exposure Scenario Templates (from Dummy Substances) or Exposure Scenario Groups (Groups of Templates) can be chosen. All ESs that are assigned to a substance

which is assigned to provide an ES for the current substance for which scenarios are being generated, will also be included.

For Example: Substance A is paint. The ES template (1) ‘Application on Plastic’ is assigned; two ESs have previously been assigned to template (1) ‘Outdoor Application’ and ‘Indoor Application’. As a result, all three templates are now assigned to substance A.

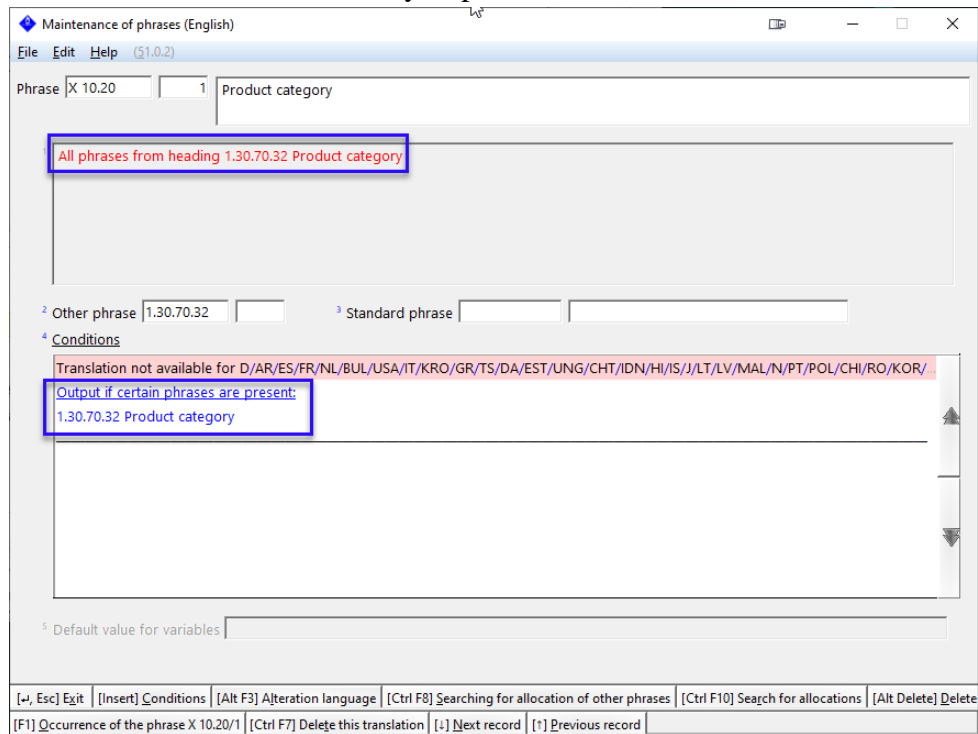


6. These additional (linked) ES Templates are automatically populated, just like the first one that was created for this SDS, with information from the SDS.
7. When adding ESs, it is possible to deactivate the ES that was originally generated for the substance (generated in Step 3) by activating the option **Deactivation of Substance Exposure Scenario** in the screen *Additional exposure scenarios*. This can be activated if only templates are to be used.

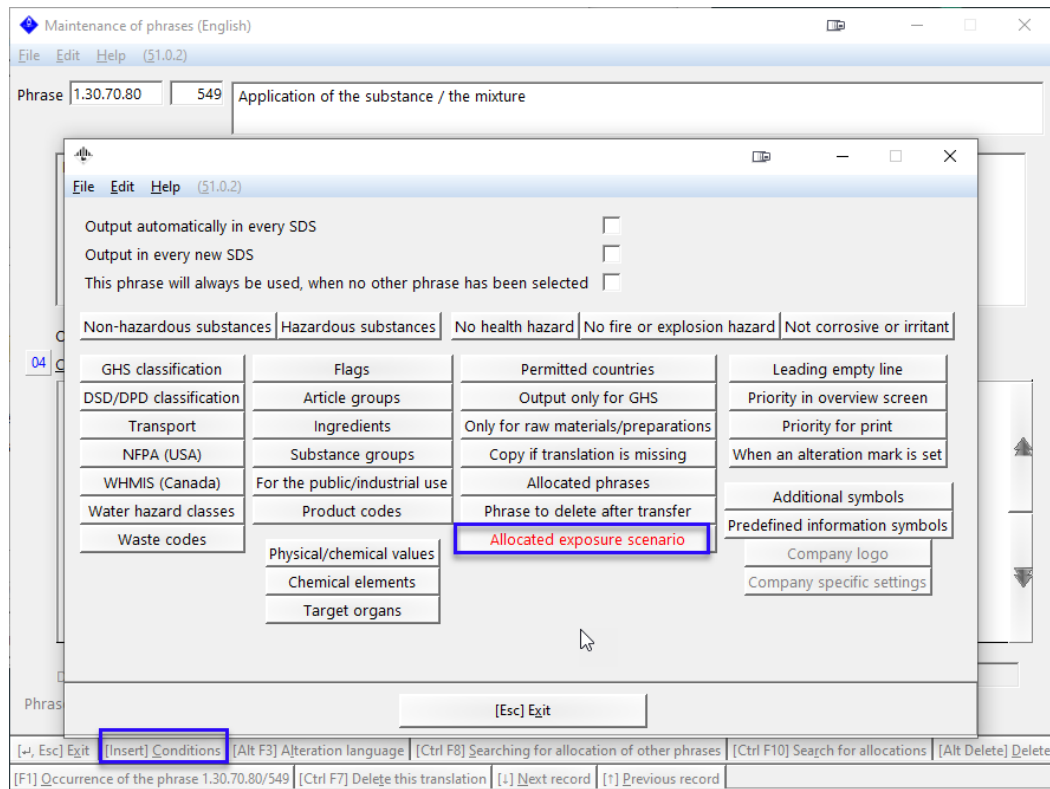


8. The automatic filling of ESs is done via conditions in the *Maintenance of Phrases* [*Maintenance Programs – Safety Data Sheets – Text Modules*].

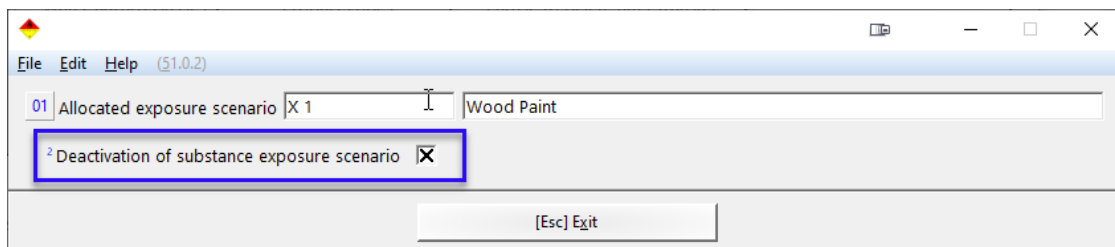
- Positions in the ES can be linked directly to phrases in the SDS.



- Phrases can be allocated to ESs.



- In this condition, the option for the *Deactivation of substance exposure scenario* can also be activate, thus automating it for this ES.



9. The data in the SDS must correspond to the data in the ESs. Therefore, it will be necessary to ensure that direct links are created via various phrases and that the SDS has an adequate amount of phrases to cover all of the ESs. This applies, for example, to Product Categories in Section 1.