

EuPhraC

Working Group
European Phrase Catalogue
www.euphrac.eu

ESCom

Working Group Phrases
of Cefic aisbl
www.cefic.be

EuPhraC / ESCom Release Information

Since version 1.4, the ESCom and EuPhraC projects share a common release cycle of two revisions per year (each spring and autumn). Results are published in sync and under the same version number.

EuPhraC/ESCom Version 3.0

19.05.2017/07.07.2017:

EsCom: Section 1 standard phrases (Title Section): no changes for section 1 phrases. A small part of the existing section 1 phrases are still under review, pending discussions with sector organizations. The review is expected to be fully finalized with the next release of the catalogue. Section 2 standard phrases (Conditions of Use): one TOM phrase was added related to the environmental target group. Section 3 standard phrases (Exposure Estimation): the catalogue has been extended with a phrase for the new ECPA LET v3.0 tool. Section 4 standard phrases (Guidance to DU): the review of these phrases has been postponed so far due to insufficient clarity on the application of scaling for conditions in exposure scenarios. The only two phrases that have been added to the catalogue resulted from phrase proposals submitted via the on-line proposal tool. The proposals were reviewed and accepted following the procedures of the ESCom phrase working group. The XPATH mapping for version 3.0 of the ESCom standard phrase catalogue is available for download from the [Cefic website](#). The XPATH mapping supports IT providers in the import of the ESCom standard phrases in their systems.

Overall, the changes from version 2.3 to 3.0 consist of 2 new phrases. As a result, version 3.0 of the ESCom standard phrase catalogue contains 2484 phrases, among them 1669 active phrases, and 815 inactive phrases.

EuPhraC:

The overall order of structure code top nodes 01-07. was not changed.

There are only 16 new phrases, among them some very important ones for Section 1 of the SDS as with regard to Art. 58 (3.2) of Regulation (EU) 528/2012 on biocidal products ("Nano", "Contains biocidal products.") and Regulation (EC) 2017/542 amending Art. 45 of CLP ("Unique Formula Identifier", "Product category"). 5 of the new phrases pertain to exclusionary criteria for (acute) inhalation toxicity in Section 2.

The structure of Section 13 "Disposal considerations" including references to the Directives 2008/38/EC and 2006/11/EC has been comprehensively revised. This also applies to the waste codes/ waste designation according to EWC/AVV which are now represented under 13.01.01.01.04 as well as being appended as list in 07.

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EuPhraC/ESCom Version 2.3

22.12.2016/23.12.2016:

EsCom: - Section 1 standard phrases (Title Section): number of new phrases very limited, a small part still under review by sector organizations - Section 2 standard phrases (Conditions of Use): first set of phrases for measures based on qualitative assessments; to be further extended in the next release. Decision: no development of phrases for measures to control physicochemical risks, except one referring to the relevant main body sections of the SDS - Section 3 standard phrases (Exposure Estimation): a limited number of section 3 phrases to support the use of Chesar has been included. - Section 4 standard phrases (Guidance to DU): review of phrases postponed until there is sufficient clarity on the application of scaling for conditions in exposure scenarios. - Only one phrase has been added to the catalogue in response to phrase proposals submitted via the on-line proposal tool. This proposal was reviewed and accepted following the procedures of the ESCOM phrase working group. The Xpath mapping for ESCom R 2.3 will be made available from the Cefic website.

Changes from version 2.2 to 2.3 of the ESCom standard phrase catalogue: 17 new phrases, 2 modifications of existing phrases and inactivation of 5 phrases. As a result, Version 2.3 contains: 2482 phrases, among them 1667 active phrases and 815 inactive phrases.

EuPhraC:

The overall order of structure code top nodes 01-07. was not changed.

The 46 new phrases of this release basically relate to Section 14.08 Transport, Additional information related to different transport conditions and carriers, dangerous goods in excepted quantities, packing groups and bulk container categories. Furthermore, some few measure units such as ppmv (parts per million by volume) and N (Newton) have been added, and the fine-grained dose rate BMD10 was included for risk assessment in Section 11 as well as LL50 for extending the range of effect dose/concentration in Section 12.

A number of duplicates of the previous have been removed/replaced, in particular in the method part of Section 12, as well as categories and technical functions of ECHA guidance on Use description.

A work-in-progress proposal for a structural revision of Section 13 "Disposal consideration" including references to the Directives 2008/38/EC and 2006/11/EC was not yet implemented but, will be taken into account for the next Release of the EuPhraC phrase catalogue. This new structure will also contain the waste codes/ waste designation according to EWC/AVV which are now appended as list in 07.

EuPhraC/ESCom Version 2.2

01.07.2016/15.07.2016:

EsCom: - Section 1 standard phrases (Title Section): has been amended with phrases expressing the technical function of substances. The technical function expressions as published in the ECHA guidance on Use description (R12, version 3.0, December 2015) were adopted as new ESCOM phrases. A part of the existing section 1 phrases still need review after discussions with sector organizations. - Section 2 standard phrases (Conditions of Use): only some minor changes; - Section 3 standard phrases (Exposure Estimation): a selection of phrases for expressing details of the ART (Advanced REACH Tool) worker safety assessments have been included. - Section 4 standard phrases (Guidance to DU): review of phrases postponed until there is sufficient clarity on the application of scaling for conditions in exposure scenarios. - Some ten new phrases have been added to the catalogue in response to phrase proposals submitted via the on-line proposal tool. The proposals were reviewed and accepted following the procedures of the ESCOM phrase working group.

| Phrases in ESCOM catalogue | Number of phrases |
|----------------------------|-------------------|
| 2.2 | |
| Active phrases | 1650 |
| Inactive phrases | 815 |
| Total | 2465 |
| | |
| New phrases | 130 |
| Modified phrases | 95 |
| Inactivated phrases | 7 |

EuPhraC:

Changed order of structure codes top nodes in EuPhraC 2.2 as compared to Release 2.1:

01. Safety Data Sheet according to Regulation (EC) No. 1907/2006

02. Safety Data Sheet according to UN-GHS - (06. in EuPhraC 2.1)

03. Safety Data Sheet according to ANSI Z.400-1 - (07. in EuPhraC 2.1)

04. Annex to the extended Safety Data Sheet (ext. SDS) - 02. in EuPhraC 2.1

05. Chemical Safety Report - (03. in EuPhraC 2.1)

06. Units, Prefixes, Punctuation etc. - (04. in EuPhraC 2.1)

07. Lists - (05. in EuPhraC 2.1)

new: 07.01. Waste codes/ waste designation according to EWC/AVV

Content-related changes:

- Revision of Section 12 ("Toxicity") including method part (OECD), among them new test methods according to Regulation (EU) 2016/266: Revision of Section 13 ("Disposal") including Directive 2008/98/EC, Annex I (Waste Framework Directive);

- Inclusion of waste code numbers (Abfallverzeichnisverordnung aka Europäischer Abfallkatalog (AVV; EAK), European Waste Catalogue (EWC)), appended as list in 07.01.

- 8th ATP: new and modified GHS statements with new Phrase IDs:

H314, H318, H311+H331, H302+H312,

P302+P335+P334, P336+P315, P370+P372+P380+P373 und P370+P380+P375[+P378]

as well as P220, P231, P234, P240, P241, P242, P243, P250, P263, P282, P283, P231+P232, P312, P334, P353, P372, P381, P301+P312, P301+P330+P331, P302+P334, P303+P361+P353, P305+P351+P338, P401, P406, P407, P420, P502

Note: the old wordings of GHS phrases according to 6th ATP are still active under their respective Phrase IDs

- 33 new GISCODES, 3 modified GISCODES: for the new GISCODES without final agreement on the wording, the corresponding old GISCODES are still active;

- Section 15: COMMISSION REGULATION (EU) 2016/293 of 1 March 2016 amending Regulation (EC) No 850/2004 (POPs Regulation)

- List I and II of families and groups of substances as subnodes of the Directive 2006/11/EC on pollution caused by certain dangerous substances discharged into the aquatic environment

Duplicates (the overgenerated Phrase IDs will be inactivated by replacement in Release 2.3):

Phrase ID 9267225733 + ID 16180091400: "Methanol"

Phrase ID 9268175065 + ID 16171174701: "Copper"

Phrase ID 16123161300 + ID 16134142000: "OECD 226"

Phrase ID 16123161400 + ID 16134142001: "Regulation (EC) No. 440/2008, Annex, C.36"

Phrase ID 16123161800 + ID 16134142500: "OECD 230"

Phrase ID 16123201800 + ID 16134143200: "OECD 232"

Phrase ID 16123201900 + ID 16134143201: "Regulation (EC) No. 440/2008, Annex, C.39"

Phrase ID 16134125201 + ID 16123160400: "Regulation (EC) No. 440/2008, Annex, C.35"

Phrase ID 9269130733 + ID 16134125200: "OECD 225"

Phrase ID 9269130808 + ID 16123154400: "Regulation (EC) No. 440/2008, Annex, C.11"

EuPhraC/ESCom Version 2.1

18.01.2016/12.02.2016: Section 1 and 2 phrases (Title section; Conditions of use) have been added and modified in accordance with the updated ECHA guidance on Use description (R12, version 3.0, December 2015). Not all new/modified use descriptor categories have been included yet. For Section 3, a large number of additional SPERC phrases have been added as well as existing SPERC phrases were updated where new SPERC versions have become available. The table below provides a numerical overview of the changes to the ESCom catalogue in the update from version 2.0 to version 2.1:

| Phrases in catalogue | Number of phrases |
|----------------------|-------------------|
| Active phrases | 1547 |
| Inactive phrases | 778 |
| Total | 2325 |
| | |
| New phrases | 194 |
| Modified phrases | 76 |

| | |
|---------------------|-----|
| Inactivated phrases | 299 |
|---------------------|-----|

For EuPhraC, several structural modifications have been applied:

- templates for SDS according to UN-GHS (Revision 6, 2015) including numerous hazard categories and ANSI Z-400. added;
- revision and harmonisation of Sections 9-11, in particular for the test section
- subsection node 14.8 in Transport section implemented: "Additional information", e.g. IMDG code segregation groups added

Content-related issues: some 350 new phrases

Section 1: Relevant identified uses: Use description categories added and modified according to ECHA Guidance on Information Requirements and Chemical Safety Assessment Chapter R.12: Use description, Version 3.0, December 2015

Section 2 (UN GHS SDS): hazard categories and classes added

Section 12: OECD methods added, DIN methods adapted

Section 15: provisions of national regulations and inventories (to be continued)

EuPhraC/ESCom Version 2.0

12.07.2015: Addition of more than 200 new phrases, most of them for the ESCom part. Some sector-specific phrases, in particular ECPA phrases, and tool phrases as well as various phrases for units have been included. **24.09.2015:** For EuPhraC Main, only a few phrases have been added, in particular UN-GHS statements according to 6th and 7th ATP: H206, H207, H208, H232, P212, P336+P315, P370+P372+P380+P373, P370+P380+P375[+P378], P302+P335+P334 as well as 3 Osha HazCom statements. Inclusion of new hazard class "Desensitized explosives". Slight changes to wordings of SDS section headers 1 and 14.7 are considered.

EuPhraC/ESCom Version 1.5

22.12.2014: No major changes in ESCom, but preparation of a complete revision for version 2.0. Changes in SDS section 2 to revise and amend physical hazards for self-reactive substances/mixtures and organic peroxides. Section 9 introduces a standardized recurrent pattern of characteristic features including "Type, Value Method, Source, Remark". In section 11, STOT information is restructured and OECD test methods have been revised. Section 15 adopts the European Seveso III directive (including 21 accident hazard classes and 65 named substances) and its German adaptation "Störfallverordnung (12. BimschV)", as well as Swiss national regulations.

EuPhraC/ESCom Version 1.4

24.6.2014: Filled gaps in classification and labelling, especially Acute Tox. variants and H3xx variants. Updated German national regulation "Kreislaufwirtschaftsgesetz" and Dutch emergency call. Applied structural changes in safety data sheet sections 9 (Appearance)

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and 11 (Introduction of header 11.1). Introduced phrases "data lacking" etc. for safety data sheet section 11. Structure changes in the ES part to prepare ESCom phrase mapping 7 Chesar alignment, to be finished in late 2014. Removed further double entries.

EuPhraC Version 1.3

5.9.2013: Removed deprecated REACH SDS format - "01." now represents the format which complies with regulation 453/2010 Annex I. Sections 11 and 14 are restructured for best compliance with the regulations. Property wordings in section 9 and wordings / original codes of H/P statements for ATP 4 have been reviewed.

"02." now has a structured Exposure Scenario format with assigned phrases, although the assignment may need further work. All deprecated ES formats / phrases are moved to "02.03". Review of SpERCs. New ESCom phrases (December to March 2013) are included.

In total, 438 phrases are added. Around 200 double occurrences of phrases in the same structure have been removed (but each phrase still appears in the respective structure part).

EuPhraC Version 1.2

16.9.2012: New structure 05... for new ESCom phrases 1.2, including lots of improvements on these phrases (double entries removed, wording consistency). Additions for directive 2010/75/EG, decopaints, and Polish regulations. Grammar corrections in use descriptors and other changes from phrase proposals.

EuPhraC version 1.2 already includes H and P sentence changes from the 4th revised edition of UN-GHS. Please be aware that these changes should be applied to legal documents only after they became included in 4th ATP of CLP.

19.12.2011: Added GISCODE phrases to support application description. Revisited Use Descriptors and Classification/Labelling phrases to correct some flaws. Reworked chapters 11 and 12 of the SDS format according to 453/2010. Additional small changes for consistency and correctness. Introduced a new structure for a unified Exposure Scenario template, but this needs further discussion and will be revised.

EuPhraC Version 1.1

28.5.2011: Added new AISE and CEPE sector group phrases and revisions from the ESCom project work. Since Cefic provides sector group phrases now as one long, unstructured list, the older structured list remains part of the catalogue for documentation purposes.

15.6.2010: Updated new SDS format according to final regulation. Added two sentences of Concawe/Cefic/EFCE guidance regarding strictly controlled conditions. Three modifications in ESIG and CONCAWE sector group lists. Several hundred small modifications for the sake of consistency.

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15.5.2010: Updated ESIG and Concawe stakeholder list. Several smaller changes to improve quality and consistency.

28.3.2010: Added Concawe stakeholder list. Deleted full stops at ends of list entries. Improvements on parts of the English texts, overall consistency and data transfer issues from BDI 10.2.

30.3.2010: Reworked Use descriptors according to http://guidance.echa.europa.eu/docs/guidance_document/information_requirements_r12_en.pdf as of 26.3.2010. Added ESIG stakeholder list.

19.3.2010: Initial Version as a transfer of the BDI standard phrase catalogue 10.2, enhanced with Exposure Scenario formats, SDS format according to new Annex II draft and smaller changes.