



ChemGes – Version 62.0

Update 02/2025

You can find information on the installation and a short summary of the changes in ChemGes, on the following pages.

Nanoforms and microplastics – output of information

With this update, we have implemented new options and features, which enable the automatic output of legally required additional information on nanoforms and microplastics (Amendment 2023/2055, Annex XVII, Entry 78) in the SDS.

Further information can be found in the Update description and in our video [Maintenance of Nanoforms and Microplastics in ChemGes](#) on our YouTube channel.

The screenshot shows the 'Texts on nanoforms and microplastics' window in ChemGes version 61.0.15. The window is titled '1234-56-7 Testrohstoff 1'. It contains several sections for data entry, with some fields highlighted by green boxes:

- Category:** A dropdown menu with options: 'Category containing amorphous nanoforms', 'Category containing crystalline nanoforms with a precise crystal structure', 'Category containing crystalline nanoforms in which the individual nanoforms consist of particles containing more than one different crystal structure', and 'Category containing partially crystalline nanoforms'.
- Number-based particle size distribution:** A table with columns for 'Typical value' and 'Percentile'. The 'Typical value' column has entries for d10 (6-61 nm), d50 (10-110 nm), and d90 (15-170 nm). The 'Percentile' column has empty fields for 6, 8, and 10.
- Surface treated:** A dropdown menu with options: 'Surface-treated nanoforms' and 'Non-surface-treated nanoforms'.
- Surface functionalization or treatment:** A dropdown menu with options: 'Agents (agents)' and 'Methylsilane'.
- Form:** A dropdown menu with options: 'Spherical', 'Elongated', 'Tiles', and 'Multidimensional shapes'.
- Structure:** A dropdown menu with options: 'Amorphous forms', 'crystalline forms', and 'Crystallinity'.
- Crystallinity:** A dropdown menu with options: 'Crystalline nanoform' and 'Amorphous nanoform'.
- Aspect ratio:** A text input field with the value '1,2'.
- Surface-to-volume ratio:** A text input field.
- Surface-to-mass ratio:** A text input field.
- Analysis methods:** A text input field.
- Bibliographic information:** A text input field with the value 'Internal Laboratory Study 2024'.
- Additional information on nanoforms:** A text input field with the value 'High thermal stability'.
- Water solubility or non-biodegradable:** A text input field.
- Intentional or technically unavoidable release planned:** A checkbox.
- Form of release:** A dropdown menu with the value 'Powder'.
- Monomers used to produce the polymer:** A text input field with the value 'Butyl acrylate, styrene'.
- Additional information on microplastics:** A text input field.
- Percentage of microplastics in the substance:** A text input field with the value '35' and a note '% (if not equal to 100%)'.

At the bottom of the window, there are two buttons: '[Esc] Exit' and '[Alt Delete] Deletion of all information for this substance.'.

CLP – 23. ATP

The amendments according to the 23. ATP (2025/1222/EU) have been implemented in ChemGes.

Find further information in the update description to Version 62.0.

Installation:

Please note that this Update contains extensive changes to the Database. For this reason, the Update may take a long time. Please, backup your program and data as usual before an Update. Let the Update run completely and do not turn off your computer while the Update is running, as this can lead to massive data loss.

You can download the update either directly in ChemGes via the update symbol in the right upper corner of the basic screen, or via the following link: <http://dr-software.com>

Please note, that your program must be at least Version 59.0 in order for your Update to be performed. Please contact our hotline if that is not the case.

To download the update, please either go to www.dr-software.com – *Downloads* – **“Update from version 59.0 or higher to version 62.0”** or click directly on the above stated link.

Save the file “32.zip” in your program directory for ChemGes (usually \chem) and unzip the file. Please make sure that the program is not in access. Afterwards you can start the update by double-clicking **chemges.exe**.

Should you need the update on USB stick, as a download is not possible for you, please also inform us by email (info@dr-software.com). We will be happy to arrange a shipment as soon as possible.

Overview of changes:

- Nanoforms and microplastics – automatic output of information in the SDS
- Update and new adoption of occupational exposure limits, update and new adoption of substance listings and national chemical inventories, update of transport names

You can find the **update description to Version 62.0** on our website at:
www.dr-software.com or www.dr-software.at