

Generation of the US SDS by HSM NAV

For the generation of US SDS according to the Appendix D, OSHA Hazard Communication Standard 29 CFR 1910:1200 all necessary configurations are readily available in a special view. For the Safety Data Sheet according to this new standard implementing the GHS into US legislation we use the wording SDS in order to distinguish them from the old MSDS representing the former non GHS-compatible definition.

The overall structure of the US SDS is the same as in the European implementation (defined in the REACH Regulation). Structural differences mainly affect Section 1, where some REACH relevant information will be omitted, some information in Section 3, some headings or wordings in Section 14 and lots of information in Section 15.

The content of each SDS section (as is the case with all HSM report chapters) is very easy to configure. That means, the users can decide which kind of information, i.e. which HSM properties, they deem necessary. Especially for Section 15, one may decide not to display evaluation results according to Right-To-Know State List for Minnesota, to suppress the NFPA diamond etc.

Especially the NFPA and HMIS ratings are not mandatory according to the OSHA standard, but their further use is explicitly allowed for increasing the acceptance of the SDS and a smooth transfer from old to new legislation.

HSM provides a special set of FCC (Flow Chart Calculator) rules for the classification of mixtures in according with the US implementation of the GHS which is a bit different from the EU implementation, e.g. no consideration of environmental hazards of the UN standard or an additional flammability Category 4, compared to the EU GHS. Prosisoft also offers numerous listing evaluations for federal and state regulations.

Prosisoft has also developed formatting options which allow the output of numerical values with region specific decimal separators ("," for the US) and conversion between °C and °F, if necessary.

Furthermore, Prosisoft is always willing to implement special requirements.