

# EUROPEAN REGULATION (EC) No. 1272/2008 ON CLASSIFICATION, LABELLING, AND PACKAGING OF SUBSTANCES AND MIXTURES (CLP REGULATION), EU ADOPTION OF THE GLOBALLY HARMONIZED SYSTEM

## Regulatory Services— EU

To compile a compliant Safety Data Sheet (SDS) in the EU, two main regulations need to be taken into account:

- Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP Regulation). This regulation implements the Globally Harmonised System (GHS) of classification in the EU; similar legislation operates in the USA, Canada, Brazil, Australia and China.
- Once a substance is classified (for physical properties, health and the environment) then a number of hazard and precautionary phrases must be present in the SDS and the associated label; Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) consolidates available information for classification of a substance and should result in much more comprehensive SDS's for substances that is agreed between the registrants. In the absence of a harmonised classification or a REACH classification, industry is required to assess all available data to derive a self-classification. In addition, REACH describes the format and content of the SDS, including the amount of information required for substances in mixtures.

Mixtures are also required to be classified and labelled according to CLP and, in the absence of data on the actual mixture, hazard information on each component must be considered. The classification of mixtures can be complex and requires a thorough understanding of the available data and its relevance towards the overall classification.

In addition to the above, a Unique Formula Identifier (UFI) is required for the majority of mixtures. The UFI links information about the product to the data held following a Poison Centre Notification (PCN).

### **toXcel** can:

- Classify your substance or mixture according to the principles of GHS;
- Ensure your SDS is compliant with CLP and REACH requirements;
- Where appropriate, apply for an "alternative name" for proprietary substances.

For further information, please contact Christin McAlinden in the UK at +44 (0) 1531 638999 or by email at [Christine.McAlinden@toxcel.co.uk](mailto:Christine.McAlinden@toxcel.co.uk), or Alan Katz in the US at 703.754.0248, extension 8111 or by email at [Alan.Katz@toxcel.com](mailto:Alan.Katz@toxcel.com).

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