

May 2022

Spotlight on the
**UPDATE OF THE ESIG SOLVENTS HUMAN EXPOSURE
DATABASE**

ESIG updates its Solvents Human Exposure Database, the
largest open source of solvent exposure data available

EXPOSED

This month, we have updated [ESIG Solvents Human Consumer Exposure Database](#), with data from 2020 and 2021.

The updated version now contains data extracted from 331 publications and includes 3766 samples and 11990 measurement results. This makes our database the largest single source of solvent exposure data available to the industry and a broader audience.

The database contains detailed information and measurements from the literature on oxygenated and hydrocarbon solvents exposure published from the past 22 years (from 1998 until today), including a quality assessment.

The data demonstrate that the Chemical Safety Assessments under REACH are accurate and qualitative enough to ensure the reliability of assessments of safe use for workers and consumers.

Anyone can assess, use and download the information from the database.

ACCESS THE DATABASE

BACKGROUND

The first human exposure database was commissioned in 2008 and published in 2009. It compiled all the information available on occupational hygiene related to the use of Hydrocarbon Solvents and Oxygenated Solvents - after a thorough review of papers and studies published between 1998 and 2005, which contained primary exposure data from the use of those solvents. At that time, the database was also seen as valuable support for the development of the REACH Exposure Scenarios.

Ten years later, in 2019, ESIG decided to update the database and show the main differences between modelled and measured data. All data have undergone a qualitative assessment and are labelled as either good, fair, or poor. The database is updated every second year.

European Solvents Industry Group (ESIG)

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