

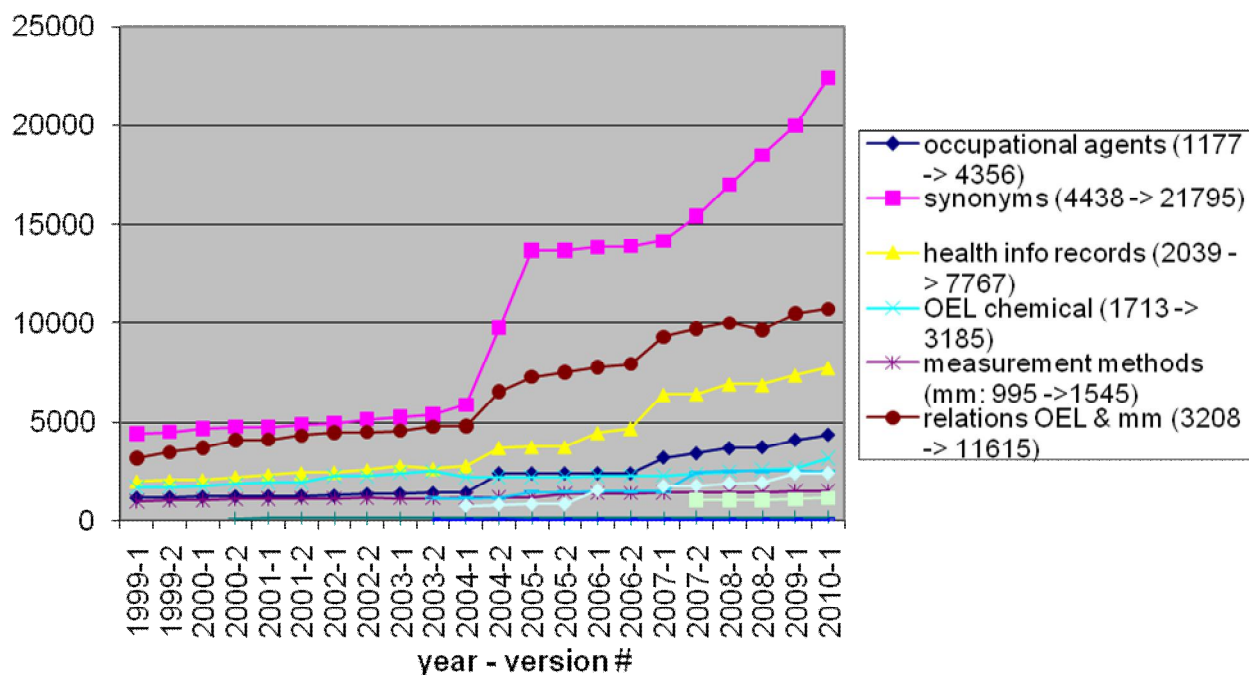
DOHSBase Compare extended to International version

DOHSBase is proud to announce the birth of two new versions on its occupational limit values (OEL) and measurement methods tool for Occupational Hygiene and Regulatory Affairs

- **DOHSBase Compare REACH.** The international (English) version with 170.000 chemical substances, with toxicological and physical-chemical information for a large part of the database (see Table 1). The occupational limit values are ranked in a health based hierarchy, specifically developed for the use as DNEL in REACH. This version is ideal for companies who wish to import/export substances into the European Union and for Public Authorities who are active in the field of Regulatory affairs of Chemicals.
- **DOHSBase Compare NLExtend:** As the REACH version, however in Dutch and with the occupational limit values ranked according to the health based hierarchy, developed by the SER (see www.veiligwerkenmetchemischestoffen.nl).

Dohsbase is developed in the early nineties to find OELs for all chemical, physical and other loads at the workplace that could be quantified. The amount of information included, increased steadily over the years (see figure below)

Development of DOHSBase NL standard edition



In 2006 the Dutch Social Economic Council (SER) authorized the Dohsbase OEL hierarchy and the DOHSBase approach ("kick-off" OELs) to find or derive the most appropriate OELs in case that a legal limit was missing.

This approach is in the EU version transformed to an EU hierarchy with the EU Binding limit values (BLV) having the highest hierarchy, followed by the IOLVs and then the SCOEL/SEG advises that are available. This however provides only OELs for about 600 substances. Therefore the health based OELs developed in other EU countries like Germany, UK, Sweden and the Netherlands are also added. Since the remarkable quality jump in health-based recommended OELs after 1996, the more recent

OELs have been given a higher rank in the case that several health-based OELs are available. National OELs for which social economic feasibility adaptations cannot be excluded, are only included if no health-based OELs are available.

The well appreciated **Compare** function, that rates different volatile substances on the combination of hazardous- and vaporization potential remains a of course a valuable part of DOHSBase. Since in the REACH and NLExtend version the information of some 16.000 substances on the physical state is available and of more than 6400 substances R-Phrases and CLP Hazard class and Category codes are available the Compare function in these versions have doubled the substances that can be compared.

DOHSBase exists now for 17 years and it is updated every 6 months. It is a compressed tool and is often used on laptops on site. It is therefore it is distributed as a stand-alone program currently on a CD-ROM

The pricing of DOHSBase is very affordable and competitive:

DOHSBase Compare version	description	Price in Euro € (tax VAT/TVA/BTW excluded)
NL stand : in Dutch, the standard version , with 17 years of history , OELs in NL hierarchy since 2006	Limits values and measurement methods for > 4600 chemicals and other occupational factors (biological, noise, radiation, lifting etc.). . Physchem and Tox data for modeling en exposure assessments	License 250 Annual fee 100
NLExtend : New, in Dutch, with the NL hierarchy	As NLstand, but extended to 170.000 chemicals of which 50000 with physchem information	License 250 Annual fee 195
EU : New, in English, with EU OEL quality hierarchy	As NLExtend but in English and focused on the use in REACH , CLP, hazard assessment, ,exposure scenarios and risk characterization	License 250 Annual fee 195

Table 1 numbers of records included in the 3 different DOHSBase versions

DATE	11-11-2009	11-11-2009	11-11-2009
Version	NLstandard	NLextend	REACH
AGENTS (chemical substances, physical, radiation)	4356	172027	171992
OEL records	8702	11740	11610
SYNONYM	21795	215379	215304
Measurement methods (Mm)	1545	1544	1541
Relations between OELs and Mm	11615	25876	24764
CASNR	4356	172026	171991
NAMES	4355	172025	171990
EINECS	3483	144217	144217
ELINCS	38	4155	4155
NOLONGPOL	3	701	701
ID	2637	6457	6457
NOHAZSUB	8	40	40
GRSWTGG	3046	3104	3095
GRSWSTEL	3028	3086	3079
GRSWCEIL	131	131	131
KICKOFF	1168	1224	1226
MW	3022	47509	47509
STATE	2852	16462	16462
MP	2340	15357	15357
BP	1695	13052	13052
VAPOR_CONC	2174	35316	35316
LOGKOW	2371	41078	41078
WATER_SOLU	2429	41139	41139
GR_EU	319	319	319
GR_COSHH	16	16	16
GR_DFG	526	526	526
GR_NBOSH	124	124	124
GR_NIOSH	1	1	1
GR_NL	2315	2315	2315
GR_TLV	622	622	622
GR_WEEL	104	104	104
GR_WGD	2831	2831	2767
Radiation	104	104	0
Physical	4	4	0
IUCLID	0	2604	2604
ORATS	0	141	141
SVHC	0	34	34
PBT	0	0	0
BPT	0	0	0
IARC2	1870	1870	1870
AN_XVII	0	259	259