



www.big.be

BIG Product Data and BIG Phrase Libraries

Content of the BIG Product and Phrase database

ExESS and BIG

ExESS Chemicals Management ensures easy and correct data management of chemicals, including Safety Data sheets, Labeling and Workplace Safety Instruction Cards. **ExESS** is an authoring software fully compliant with worldwide regulations. **ExESS** operates with several data and phrase libraries. **ExESS** can operate using the **BIG** Product data and Phrase Libraries. The **BIG database** gathers both Product data and Phrase data. Both options can be used separately or together with **ExESS**.

BIG Product Data

BIG offers access to 40.000 products based on Name, CAS or many other product property. **ExESS** offers advanced SEARCH functions in the database. Many of the **BIG** Products can be used as Generic Product families to create fast and efficiently new SDS for substances and mixtures using the **ExESS** software. Each Product in **BIG** includes between **100 - 300 properties**, making SDS authoring extremely fast.

BIG Phrase Data

BIG Phrase data are available in **14 validated languages**, checked with official legislation and translators .

Technical Operation

Technical Requirements

BIG data is available through INTERNET. **BIG** upgrades are announced on the **ExESS** News Channel Page and synchronisation tools are implemented in the **ExESS** software. **ExESS** tracks the number of downloaded **BIG** products for intelligent pricing and upgrading.



Using BIG with ExESS offers fast creation of labels and Safety datasheets for more than 40.000 commercial available substances and products

BIG Product Data : Don't lose time to google for reliable Product Data
 BIG Phrase Data : Makes it easy to translate labels and Safety Data Sheets

Type of Data and Phrases	
Type of Data and Phrases	The BIG product database consists of data concerning identification, hazard classification, intervention, physical and chemical properties, toxicology, ecology, material handling, packages, storage, transport regulation, labelling, OEL, etc... BIG offers sufficient data to complete all sections of a Safety Data Sheet. BIG doesn't consists of product composition data. Phrases are provide in 14 languages .
Physical and Chemical Data	
Physical and Chemical Data	some properties : state of aggregation, flavour, colour, solubility, volatility, stability, flashpoint, explosion limits, boiling point, melting point, odour threshold, decomposition temperature, vapour pressure, relative evaporation rate, solubility in water, ...
Hazard Data & Personal protection	
Hazard & Personal Protection	some properties : NFPA-code, fire hazards, explosion hazard, extinguishing agents and fire fighting instructions, measures in case of leak, cleaning measures, personal protection, materials for protective clothing, special storage requirements, ...
OEL Data	
Occupational Exposure Limits	some properties : TRGS ; MAC ; MAK; TLV ; VME ; VLE ; many other regional limit values
Tox and Ecotox Data	
Tox and Ecotox Data	some properties : toxicity (acute and chronic), possible symptoms/injuries, LD50 and LC50 values, WGK, BOD, COD, ThOD, Log POW, bioaccumulation,
Transport Data	
Transport Data	includes UN, ADR, RID, ADNR, ICAO, IATA, IMDG
Translated Standard Phrases	
Translated Standard Phrases	Following languages are provided : group 1 : Dutch, French, English, German group 2 : Spanish, Portuguese, Italian group 3 : Finnish, Norwegian, Danish, Swedish group 4 : Polish, Russian, Hungarian
Price structure	
Subscription	Prices are based on yearly subscription per concurrent user. BIG Products Packages and BIG phrase sets can be combined, but can operate also independently
PRODUCT PACKAGES	BIG Product packages can be downloaded in sets of 100. The ExESS user searches in The complete BIG Product gallery through internet. Pricing is related with the number of downloaded sets and the number of required languages .
FULL PHRASE SETS	BIG offers 14 Phrase libraries in the languages mentioned above . Each set has about 6000 translated phrases. Each set has a subscription price per year

