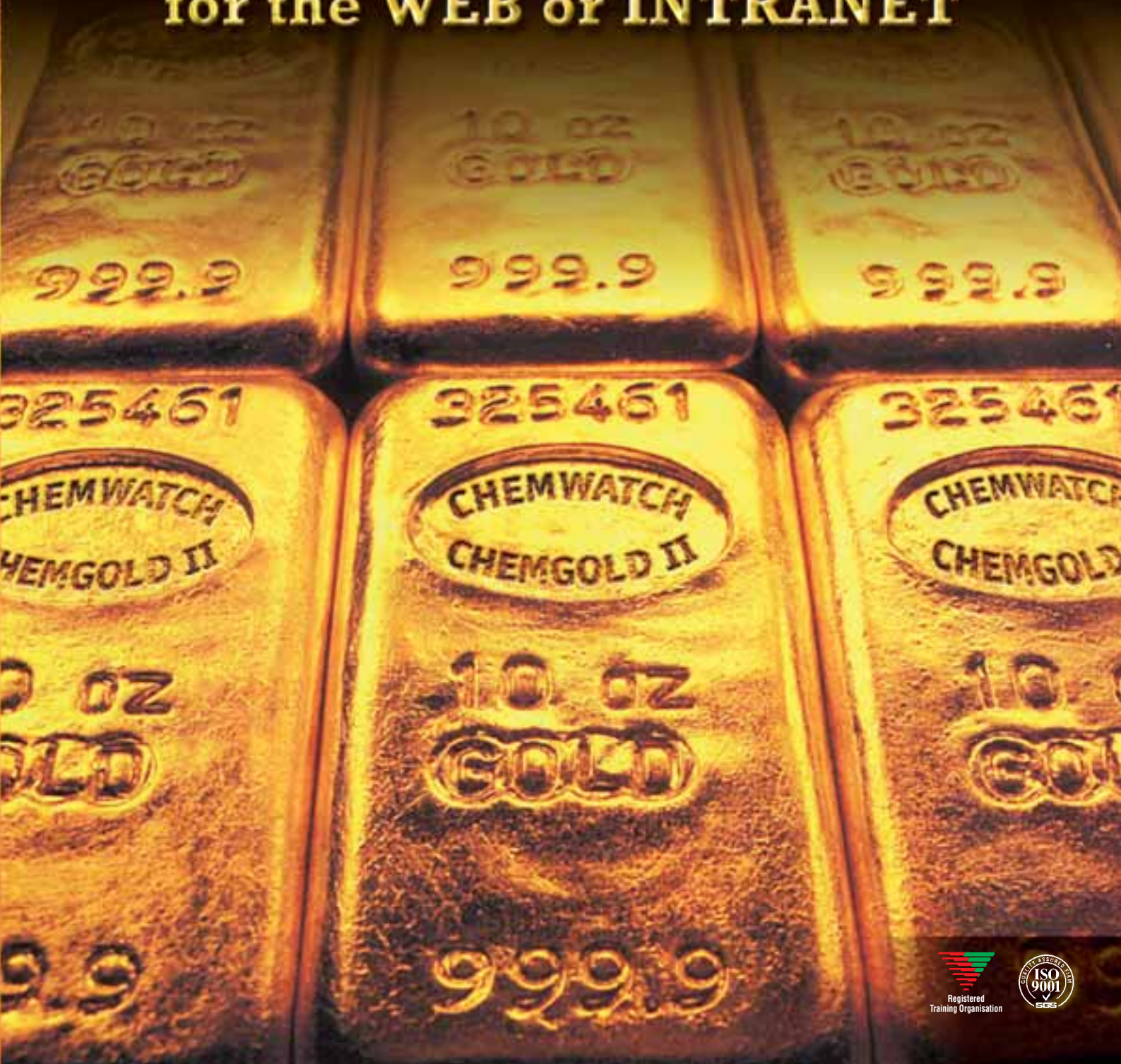




for the WEB or INTRANET





MSDS DATABASE

Contains:

- Over **ONE MILLION MSDS** from over **50,000 suppliers*** all **ORIGINAL** and all **UNEDITED**
- Over 150,000 **independently reviewed** MSDS
- Over 40,000 **independently reviewed** pure substance MSDS

All **independently reviewed** MSDS are:

- The result of research undertaken by our team of experts
 - Color-coded for Danger/Hazard
 - Available in all recognized international formats
 - Available as one page, multi-language, mini-MSDS summaries
 - Available in more than 20 languages – including European, most Asian, Hindi, Arabic and several pidgins
- NEW**
- Each available in three different formats specifically addressing scale of use (Industrial, commercial and domestic)
 - Each reproduced in three forms to address different levels of comprehension (from simple to technical),

Daily updates on the WEB

* requires subscription to **THE COLLECTION**

POWERFUL SEARCH ENGINE

- All MSDS fully indexed
- Search by:
 - Name
 - Trade name
 - CAS number
 - Part number and common synonyms
 - Dangerous goods classification
 - Hazardous substance classification
 - Physical states
- Substructure, SMILES searching

TRACKING (STORAGE)

- Automated production of manifests
- Records location and volumes of stored materials
- Automated generation of placards
- Includes more than 20 international and national rule sets
- Produces documentation suitable for use by emergency responders
- Produces compliance reports (eg., SARA, BOCA)
- Imports existing manifests from other electronic databases
- Fully customizable
- Supports bar code technologies for assets management

RISK ASSESSMENT

- Produces auto- or self-assessment of exposure risk based on existing engineering controls and user profiles
- Determines significance of risk
- Automated extraction of data from MSDS and labels
- Automated risk-based selection of gloves, glasses, respirators and other clothing
- Expert system draws on database of independently reviewed MSDS and labels – a systematic and standardized approach

LABELS

- Automated label generation using user-defined templates – software selects content, adjusts font size, allows import of graphics and much more
- Multi-language capability – over 20 European and Asian languages
- Includes over 100 international rule-sets
- Includes international and national hazard graphics
For transport and storage
and
Dangerous/hazardous substances
- Fully customizable (off-line) – create corporate templates
- Includes more than 100 designs for drum and bottle labels
- NEW** • In-built bar code generation software for more than 10 bar-code formats – Code 39, EAN and UPC
- Uses off-the-shelf self-adhesive stationary with desk-top printers
- Produces production-quality art for large-scale print runs

EMERGENCY RESPONSE

- **CHEMGOLD II** Includes ChInA (Chemicals Incidents Advisory) module to provide rapid response in emergencies involving fire, spill or exposure
- Emergency Response Guides (ERGs) for dangerous goods incidents
- Supported by the Chemwatch 24-Hour Emergency Response Hot Line
- Emergency desk manned by chemists, clinical toxicologists and fire and spill respondents
- Multi-language support available, worldwide
- 800 number available for publication on MSDS, labels, etc.
- Used by emergency services, worldwide

TRANSPORT

- Automated production of shipping manifests
- Automated production of dangerous goods declarations
- Automated production of TREMCARDS
- Automated production of ERGs
- Incorporates UN, DOT, IATA and IMO codes
- Incorporates over 20 international and national rules sets

MOLECULAR MODELLING

- More than 750,000 3-D structures
- Available in SDFfile, MolFile, or 2-D formats for small molecules
For use in computational chemistry or to paste into reports and applications
- Protein structures in Brookhaven format (35,000+)
- Mineral crystalline structures (thousands)
- Substructure and SMILES search capabilities
- Distributed with drawing tools and VRML viewer – or use your preferred tools

ENVIRONMENTAL FATE

- Determines fate of materials, in the environment, following spill or fugitive emission
- Based on multi-compartment fugacity modelling
- Uses experimental data, where available, or computed QSAR parameters

LINKS to THE COLLECTION*

- World's largest database of suppliers' MSDS – over one million MSDS from over 25,000 suppliers
- 25,000 new MSDS a month
- 30,000 MSDS updated every month
- Daily Web updates
- Daily email alerts service advises precise changes in MSDS content

* Separate subscription required for this feature

visit www.msdscollection.net

LINKS to GALLERIA CHEMICA*

A Massive Composite Database of almost anything CHEMICAL

- More than 500 databases including:
 - International and national regulatory lists
 - International inventories from the Americas, Europe and Asia
 - Full text of regulation, legislation and codes
 - Workplace exposure standards
 - Physical properties
 - Spectroscopic data
 - Environmental standards
 - Suppliers

* Separate subscription required for this feature

visit www.galleriachemica.net

WEEKLY BULLETIN BOARDS

- More than fifty pages of information, relevant to the chemicals health and safety professional, delivered weekly by email
- Our researchers review more than 6000 titles weekly in the scientific literature. Information which impacts on the safe use of chemicals is recorded in real time.
- Changes or intended changes to the international regulation of chemicals are reported as soon as they are released by government agencies – from more than 50 countries
- Receive Hazard Alerts of interest to the safety professional

INTERNET / INTRANET ACCESS

- Available in corporate intranet versions
- Supported by most browsers
- Available as a hosted service from a network of servers located in the US, UK, Australia, Malaysia
- The CHEMGOLD II server network provides load-balancing and fail-over security to provide maximum speed and reliability
- Create corporate MSDS folders
- Our secure environment allows server-side storage of user data – including manifests and risk assessments
- Supported by in-field PDA services including Palm wireless network
- SAP compatible

WHO ARE WE...

The Chemwatch team includes chemists, toxicologists, researchers, trainers, safety specialists, IT professionals and translators located in Australia, Europe, USA and throughout Asia

Together we combine to:

- Research scientific literature
- Review the content of MSDS and labels
- Write MSDS and labels
- Collect country specific codes and regulations
- Produce software and databases
- Advise governments and industry



CHEM WATCH

AT KYNASTON

Innovations include:



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