

REPORT FROM THE CHEMICAL EXPOSURES AND CHEMICAL MIXTURES WORKING GROUPS

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CHEMICAL EXPOSURES WORKING GROUP (CEWG)

- Main focus of the **CEWG**
- Quality assurance issues
- Other issues
- New Initiatives

MAIN FOCUS OF THE CEWG

- Expansion of the TEEL database
- Formalization of data selection for input in Excel workbook
- Elimination of errors in TEEL-derivation computation software

QUALITY ASSURANCE ISSUES

- Software Quality Assurance (SQA)
 - Eduardo Donoso report ex Cliff Glantz
 - dissected macros
 - tested with hand calculations
 - Reviewed by DK Craig, CR Lux, Rocky Petrocchi
- Data input QA
 - Verification of data entry
 - Formalization of data selection criteria
 - Data source selection

OTHER ISSUES

- Use of TEEs in emergency planning
- Other

NEW INITIATIVES FOR CEWG

- TEEL derivation methodology development
 - Dominated activities for last 12 years
 - Derivation of TEELs for more chemicals
 - Verification of software and data input
- Application of TEELs
 - Emergency planning and management
 - Chemical hazards analysis
- Other issues for CEWG

CHEMICAL MIXTURES WORKING GROUP (CMWG)

- Main focus of **CMWG**
- Application of the mixture methodology
- Proposed revision to the current HCN list
- Other issues
- New Initiatives

MAIN FOCUS OF CMWG

- Availability of automated methodology
 - SCAPA web site
 - Scientific literature publication
- Expansion of Health Code Number (HCN) database
 - HCNs derived for new set of chemicals added to TEEL list
- Formalization of HCN derivation

APPLICATION OF THE MIXTURE METHODOLOGY

- Requirement in revised Emergency Management Guide (EMG)
- Does a plausible scenario exists?
- Use of the automated mixture methodology workbook
- Exposure assessment
- Other

PROPOSED REVISION TO THE CURRENT HCN LIST

- Existing HCN list
 - Acute exposure effects = 4.00
- Proposed HCN list
 - Effects subdivided similar to chronic exposure effect HCNs

OTHER

- TBD

NEW CMWG INITIATIVES

- Training
- Exposure assessment