

TOMES PLUS[®] SYSTEM



TOMES Plus offers rapid, easy access to medical, environmental, and hazard information needed for safe management of chemicals. Its vast array of references includes licensed as well as proprietary Micromedex[®] databases. The system's unique **Integrated Index[®]** feature saves valuable time by searching all databases simultaneously using more than 2.1 million synonyms. All data are prepared and reviewed by experts in the fields of environmental, industrial, and reproductive toxicology; occupational medicine; and industrial hygiene and safety.

As part of our **ChemKnowledge[®] System**, TOMES Plus integrates seamlessly with the entire **Micromedex[®] Corporate Solutions** product suite of chemical, regulatory, and drug/medical databases.

PROPRIETARY MICROMEDEX CONTENT

MEDITEXT[®] Medical Managements

Contains information to assist in evaluating and treating acute exposures to industrial chemicals and reporting potential adverse health effects and treatment for chemical release exposures. Updated regularly, all information is reviewed by experts including certified industrial hygienists, safety professionals, and physicians, as appropriate.

Standard document outline includes:

- Overview
- Substances included/synonyms
- Clinical effects of exposure (indexed by organ system)
- Medical surveillance/laboratory evaluation
- Case reports
- Treatment of exposed individuals (organized by route of exposure)
- Range of toxicity
- Kinetics
- Pharmacology/toxicology
- Standards/labels
- Physicochemical parameters
- References and author information

HAZARDTEXT[®] Hazard Managements

Provides information needed for the initial response to incidents such as spills, leaks, fires, or explosions involving hazardous materials. Safe handling of industrial chemicals and specific guidelines for evacuation and disposal are discussed.

BENEFITS

- Assists in determining the potential for human health or environmental impacts
- Helps evaluate exposures, facilitate rapid emergency response, and meet regulatory compliance
- Assists in assessing and implementing on-site solutions to chemical spills, exposures, explosions, etc.

FEATURES

- Provides critical information to maintain and manage safe, healthy workplaces
- Delivers accurate, up-to-date information in a single, reliable resource
- Provides unbiased chemical data critical to productivity and efficiency
- Includes objective references widely recognized by scientific and technical communities
- Available via Internet and CD-ROM

Environmental information on toxicology, fate, and pollution is also included.

All traditional emergency response sources are referenced, including the American Association of Railroads (AAR), National Fire Protection Association (NFPA), Department of Transportation (DOT), Environmental Protection Agency (EPA), and Occupational Safety and Health Administration (OSHA).

Standard document outline includes:

- Identification and synonyms
- Clinical effects
- First aid
- Medical treatment
- Range of toxicity
- Standards and labels
- Handling and storage
- Personal protection
- Physical hazards
- Environmental hazard management
- Physical/chemical properties
- Sampling and analytical methods
- References and author information



INFOTEXT® Documents

Provides general health and safety data on nonchemical-specific topics such as ergonomics and human health risk assessments.

Standard document outline includes:

- Health and safety information
- Symptom-oriented descriptions
- Regulatory information
- Nonchemical-specific documents
- Author information

ADDITIONAL DATABASES

HSDB® (Hazardous Substances Data Bank), from the National Library of Medicine

Addresses the impact of more than 4,500 hazardous chemical substances on health and the environment. Specific data on environmental fate, animal studies, chemical handling, and manufacturers are presented.

Standard document outline includes:

- Administrative information
- Substance identification
- Manufacturer/use information
- Chemical and physical properties
- Safety and handling
- Toxicity/biomedical effects
- Pharmacology
- Environmental fate/exposure potential
- Exposure standards and regulations
- Monitoring and analysis methods
- Additional references

CHRIS (Chemical Hazard Response Information System), developed by the U. S. Coast Guard

Contains information useful for initial response to aquatic incidents involving hazardous materials. It addresses the properties, isolation, reactivity, and hazard classification of approximately 1,200 chemicals and discusses evacuation procedures and personal protection.

Standard document outline includes:

- Overview
- Corrective response actions
- Chemical designations
- Observable characteristics
- Health hazards
- Fire hazards
- Chemical reactivity
- Water pollution
- Shipping information
- Hazard classifications
- Physical and chemical properties

OHM/TADS (Oil and Hazardous Materials/ Technical Assistance Data System), from the U.S. Environmental Protection Agency

Discusses the effects to the environment of petroleum products and other hazardous materials. Specific information on cleanup procedures, aquatic toxicity, storage and handling, and the effects of hydrocarbons on different plant and animal species is included.

Standard document outline includes:

- Substances included
- Common uses
- Transport/storage/handling
- Laboratory information
- Physicochemical parameters
- Fire/explosion/corrosion hazards
- Environmental hazards
- Range of toxicity
- Human health hazards
- Cleanup procedures
- Data adequacy evaluation

IRIS® (Integrated Risk Information Systems)

Offers U.S. EPA health risk assessment information used in determining safe levels of human and environmental exposure to chemicals. The effects on human health of chronic and acute exposure to chemicals and carcinogens are detailed, and the regulatory status of more than 450 chemicals is provided. Evaluations of the data are included and assist with comparison of information.

Standard document outline includes:

- Introduction
- Chronic health hazard assessments for noncarcinogenic effects
- Carcinogenicity assessments for lifetime exposure
- Health hazard assessments for varied exposure durations
- U.S. EPA regulatory actions
- Supplementary data
- Bibliography
- Revision history
- Synonyms

RTECS® (Registry of Toxic Effects of Chemical Substances)

Offers toxicity data on more than 135,000 substances. Extracted from scientific literature worldwide, the information presented includes specifics on mutagenicity, carcinogenicity, reproductive hazards, and acute and chronic toxicity of hazardous substances.

Standard document outline includes:

- Substance identification
- Synonym/trade name
- Health hazard data
- Standards and regulations
- NIOSH documents
- Reviews
- Status in the U.S.

NIOSH (National Institute for Occupational Safety and Health) Pocket Guide

Contains critical industrial hygiene data for approximately 675 chemicals, with information on exposure limits, U.S. IDLH (Immediately Dangerous to Life or Health) concentrations, incompatibilities and reactivities, personal protection, and recommendations for respirator selection.

Standard document outline includes:

- Chemical name
- Structure/formula
- CAS number
- RTECS number
- NAERG
- Synonyms/trade names
- Conversion factors
- Exposure limits
- IDLH
- Physical description
- Chemical and physical properties
- Incompatibilities and reactivities
- Measurement method
- Personal protection and sanitation
- Recommendations for respirator selection
- Health hazards (exposure routes, symptoms, first aid, and target organs)

New Jersey Fact Sheets, from the New Jersey Department of Health

Offers employee-oriented exposure risk information useful when addressing worker right-to-know issues and developing training programs. Includes generic, nontechnical worker safety and training information, frequently asked questions and answers, and a glossary of terms for more than 700 hazardous substances.

Standard document outline includes:

- Hazard summary
- Identification
- Health hazard information
- Personal protective equipment
- Questions and answers
- Emergency information

ERG (Emergency Response Guidebook)

Contains information necessary to identify a substance, isolate and contain it, and evacuate an area in case of hazardous incidents including fires, spills, and explosions.

Standard document outline includes:

- Potential hazards
- Public safety information
- Emergency response information
- References

1st Medical Response® Protocols

Offers concise documents describing basic and advanced life support measures for use by emergency and occupational health and safety personnel. This information is especially valuable when developing training programs and establishing first aid and initial response procedures for workplace accidents.

Standard document outline includes:

- Presentation
- Stabilization
- Base contact
- Special considerations
- References

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The Healthcare business of Thomson Reuters produces insights, information, benchmarks and analysis that enable organizations to manage costs, improve performance, and enhance the quality of healthcare. Thomson Reuters is the world's leading source of intelligent information for businesses and professionals. We combine industry expertise with innovative technology to deliver critical information to leading decision makers in the financial, legal, tax and accounting, scientific, healthcare and media markets, powered by the world's most trusted news organization. With headquarters in New York and major operations in London and Eagan, Minn., Thomson Reuters employs more than 50,000 people in 93 countries. Thomson Reuters shares are listed on the New York Stock Exchange (NYSE: TRI); Toronto Stock Exchange (TSX: TRI); London Stock Exchange (LSE: TRIL); and Nasdaq (NASDAQ: TRIN).

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