

## Industrial Hygiene

| Your Need                         | RightAnswer Knowledge Solutions                                |
|-----------------------------------|--|
| Disposal and Waste Management     | HAZARTEXT 8, 10, HSDB 4, (M)SDS Collection                     |
| Dust and Vapor Hazards            | HAZARTEXT 10.3   |
| Emergency Response                | HAZARTEXT 10, HSDB 4, CHRIS, ERG                               |
| Engineering Controls              | HAZARTEXT 9.5  |
| Medical Management and Treatment  | HAZARTEXT 4, 5, MEDITEXT                                       |
| SDS Authoring and Editing         | HAZARTEXT, MEDITEXT, ReproCollection, HSDB, RTECS              |
| NFPA Labels                       | HAZARTEXT 7.0, HSDB  |
| Occupational Exposure Limits OELs | HAZARTEXT 7, HSDB 1, RTECS 4, (M)SDS Collection                |
| OSHA PELs                         | MEDITEXT 10, HAZARTEXT 7, HSDB 8, RTECS 4                      |
| Personal Protection (PPE)         | HAZARTEXT 9, (M)SDS Collection                                 |
| Physical/Chemical Properties      | HAZARTEXT 12, MEDITEXT 1, HSDB 3, (M)SDS Collection            |
| Reactivity, Compatibility         | MEDITEXT 11, HAZARTEXT 11, 12, HSDB 4, 5, 9, (M)SDS Collection |
| Regulatory Compliance             | RegsLink 29, 40, 49, LOLI, (M)SDS Collection                   |
| Reproductive Toxicity             | ReproCollection, MEDITEXT, HAZARTEXT, TERIS, Shepard's, HSDB   |
| Sampling and Analytical Methods   | HAZARTEXT 13.0, HSDB   |
| Storage/Handling/Labels           | HAZARTEXT 7, 8, HSDB 4   |
| Toxicity, Acute                   | MEDITEXT 3, 7, HAZARTEXT 6, HSDB 5                             |
| Toxicity, Chronic                 | MEDITEXT 3, 7, HAZARTEXT 6, HSDB 5                             |
| Training                          | ERG, NIOSH, HAZARTEXT, MEDITEXT, NJFS                          |

## Emergency Response

| Your Need                                    | RightAnswer Knowledge Solutions                               |
|--|---|
| Autoignition Temperature                     | HAZARTEXT 12, HSDB, CHRIS                                     |
| Chemical Identification                      | HAZARTEXT 1   |
| Containment Guidelines                       | HAZARTEXT 10.6, ERG   |
| Corrosivity                                  | HAZARTEXT 12, HSDB, CHRIS                                     |
| Evacuation Procedures                        | HAZARTEXT 10.5, ERG   |
| Fire Control/Extinguishing Agents            | HAZARTEXT 10, ERG, (M)SDS Collection                          |
| First Aid – Medical Management and Treatment | HAZARTEXT 4, 5, MEDITEXT, ERG, NIOSH, NJFS, (M)SDS Collection |
| Flammability                                 | HAZARTEXT 10, (M)SDS Collection                               |
| Flash Point                                  | HAZARTEXT 12, HSDB, CHRIS                                     |
| IDHL, TLV, ERPG, TELL, AEGL Values           | HAZARTEXT 7   |
| NFPA Labels                                  | HAZARTEXT 7, HSDB   |
| Personal Protection (PPE)                    | HAZARTEXT 9, (M)SDS Collection                                |
| Physical/Chemical Properties                 | HAZARTEXT 12, HSDB, CHRIS, (M)SDS Collection                  |
| Reactivity, Compatibility                    | HAZARTEXT 8, 10, 12, HSDB 4, 5, 9, (M)SDS Collection          |
| Remediation                                  | HAZARTEXT 11  |
| Toxicity                                     | HAZARTEXT 6, HSDB 5   |
| Training                                     | MEDITEXT, HAZARTEXT, HSDB, ERG, NIOSH                         |
| Vapor Pressure, Specific Gravity             | HAZARTEXT 12.4, 12.11   |

## Product Stewardship

| Your Need                                   | RightAnswer Knowledge Solutions   |
|---|---|
| Chemical Approval/Evaluation                | MEDITEXT, HAZARTEXT, HSDB, LOLI, RegsLink   |
| Chemical Import, Export, Packaging, Release | LOLI, RegsLink  |
| Domestic Regulatory Compliance              | LOLI, RegsLink, (M)SDS Collection   |
| International Regulatory Compliance         | LOLI  |
| SDS Authoring and Editing                   | See SDS Authoring, Editing, and Management section to the right for reference sources |

## Toxicology/Risk Assessment

| Your Need                       | RightAnswer Knowledge Solutions  |
|---------------------------------|--|
| Benchmark Dose Carcinogenicity  | IRIS: Oral Summary<br>MEDITEXT 0, 3, 10, HAZARTEXT 7, IRIS, CHRIS, ReproCollection |
| Comprehensive Toxicity Values   | HAZARTEXT 6.0, RTECS, HSDB   |
| Developmental Tox               | MEDITEXT 3, 7, ReproCollection, HAZARTEXT 3, 6, HSDB 5                             |
| Disposal Considerations         | HAZARTEXT 10.0, HSDB, OHM/TADS, (M)SDS Collection                                  |
| Dust and Vapor Hazards          | HAZARTEXT 10.3   |
| Engineering Controls            | HAZARTEXT 9.5, HSDB, RegsLink  |
| Environmental Hazard Management | HAZARTEXT 11.0, OHM/TADS, HSDB, CHRIS  |
| Immunotoxicity                  | MEDITEXT 3, 7, 10, HAZARTEXT 3, ReproCollection, IRIS, TERIS, HSDB                 |
| Kinetics                        | MEDITEXT 8.0, HSDB   |
| Mutagenicity A                  | MEDITEXT 3, HAZARTEXT 3, REPROTOX, HSDB, CHRIS, IRIS                               |
| Mutagenicity B                  | MEDITEXT 3, HAZARTEXT 3, REPROTOX, HSDB, CHRIS, IRIS                               |
| Neurotoxicity                   | MEDITEXT 3, 4, 7, HAZARTEXT 3, ReproCollection, TERIS, Shepard's, HSDB             |
| Pharmacology/Toxicology         | MEDITEXT 8.0, HSDB   |
| Physical/Chemical Properties    | HAZARTEXT 12.0, HSDB, CHRIS, (M)SDS Collection                                     |
| Range of Toxicity               | HAZARTEXT 6.0, RTECS, HSDB   |
| Reference Dose                  | MEDITEXT 7, HAZARTEXT 3, HSDB 8, IRIS  |
| Reproductive Tox                | ReproCollection, MEDITEXT, HAZARTEXT, TERIS, Shepard's, HSDB                       |
| Sampling and Analytical Methods | HAZARTEXT 13.0, HSDB   |
| Slope Factor                    | IRIS: Carcinogenicity Assessments  |
| Standards and Labels            | HAZARTEXT 7.0, LOLI, RegsLink, HSDB  |
| Teratogenicity                  | TERIS, ReproCollection, MEDITEXT 3, 9, HAZARTEXT 3                                 |

## SDS Authoring, Editing, and Management

| Your Need                              | RightAnswer Knowledge Solutions                                       |
|--|---|
| Accidental Release                     | HAZARTEXT 3, 6, 11, HSDB 5, 7, 10, (M)SDS Collection                  |
| Composition/Information on Ingredients | HAZARTEXT 1, (M)SDS Collection  |
| Disposal Considerations                | HAZARTEXT 8, 10, HSDB 4, (M)SDS Collection                            |
| Ecological Information                 | HAZARTEXT 11, HSDB 7, 10, (M)SDS Collection                           |
| Fire Fighting Measures                 | HAZARTEXT 10, HSDB 4, (M)SDS Collection                               |
| First Aid                              | HAZARTEXT 4, 5, 1st Medical Response, (M)SDS Collection               |
| Handling and Storage                   | HAZARTEXT 7, 8, HSDB 4, (M)SDS Collection                             |
| Hazards Identification                 | HAZARTEXT 10, HSDB 7, CHRIS 3, 4, 8, (M)SDS Collection                |
| Other Information                      | MEDITEXT, HAZARTEXT, HSDB, ReproCollection, (M)SDS Collection         |
| Personal Protection (PPE)              | HAZARTEXT 9, (M)SDS Collection  |
| Physical/Chemical Properties           | HAZARTEXT 12, MEDITEXT 1, HSDB 3, (M)SDS Collection                   |
| Reactivity – Compatibility             | MEDITEXT 11, HAZARTEXT 11, 12, HSDB 4, 5, 9, (M)SDS Collection        |
| Regulatory Compliance                  | HAZARTEXT 7, 8, HSDB 4, 7, RegsLink, LOLI, CHRIS 7, (M)SDS Collection |
| Toxicological Information              | MEDITEXT 3, 7, HAZARTEXT 6, HSDB 5, (M)SDS Collection                 |
| Transport Information                  | HAZARTEXT 7, 8, HSDB 4, 7, CHRIS 7, (M)SDS Collection                 |

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## Chemical Approvals and Evaluations

| Your Need                        | RightAnswer Knowledge Solutions  |
|----------------------------------|--|
| <b>Acute Toxicity</b>            | MEDITEXT 3, 7, HAZARTEXT 6, HSDB 5   |
| <b>Appearance</b>                | MEDITEXT 3, 9, 11, HAZARTEXT 1, 12, HSDB, (M)SDS Collection                          |
| <b>Autoignition Point</b>        | HAZARTEXT 12.10, (M)SDS Collection   |
| <b>Benchmark Dose</b>            | IRIS: Oral Summary   |
| <b>Biochemical Oxygen Demand</b> | HAZARTEXT 11, HSDB 7, OHM/TADS, CHRIS 6  |
| <b>Carcinogenicity</b>           | MEDITEXT 0, 3, 10, HAZARTEXT 7, IRIS, CHRIS, ReproCollection                         |
| <b>Chronic Toxicity</b>          | MEDITEXT 3, HSDB 5   |
| <b>Cytotoxicity</b>              | MEDITEXT 3, 4, 7, 9, ReproCollection, TERIS, HSDB, Shepard's                         |
| <b>Dermal LD 50</b>              | MEDITEXT 7, HAZARTEXT 7  |
| <b>Developmental Tox</b>         | MEDITEXT 3, 7, ReproCollection, HAZARTEXT 3, 6, HSDB 5                               |
| <b>Empirical Formula</b>         | MEDITEXT 7.7   |
| <b>Endocrine</b>                 | MEDITEXT 3, 4, 7, HAZARTEXT 3, 6, ReproCollection, REPROTOX, RTECS, Shepard's, TERIS |
| <b>Estimated OELs</b>            | HAZARTEXT 7, HSDB 1, RTECS 4, (M)SDS Collection                                      |
| <b>Evaporation Rate</b>          | MEDITEXT 11, HAZARTEXT 11, HSDB 3  |
| <b>Explosive Limits</b>          | MEDITEXT 10, HAZARTEXT 10, HSDB 4  |
| <b>Flash Point</b>               | HAZARTEXT 12.9, HSDB 1   |
| <b>Henry's Law</b>               | HAZARTEXT 12.17: Part A  |
| <b>Immunotoxicity</b>            | MEDITEXT 3, 7, 10, HAZARTEXT 3, ReproCollection, IRIS, TERIS, HSDB                   |
| <b>Inhalation LC 50</b>          | MEDITEXT 7, HAZARTEXT 8  |
| <b>Leachability</b>              | HAZARTEXT 11   |
| <b>Melting Point</b>             | HAZARTEXT 12, HSDB 3, RTECS, (M)SDS Collection                                       |
| <b>Molecular Weight</b>          | HAZARTEXT 2, 12, MEDITEXT 10, HSDB 3, NIOSH 1, RTECS                                 |
| <b>Mutagenicity A</b>            | MEDITEXT 3, HAZARTEXT 3, REPROTOX, HSDB, CHRIS, IRIS                                 |
| <b>Mutagenicity B</b>            | MEDITEXT 3, HAZARTEXT 3, REPROTOX, HSDB, CHRIS, IRIS                                 |
| <b>Neurotoxicity</b>             | MEDITEXT 3, 4, 7, HAZARTEXT 3, ReproCollection, TERIS, Shepard's, HSDB               |
| <b>NFPA Rating</b>               | HAZARTEXT 12.19, HSDB  |
| <b>Octanol/Water</b>             | HAZARTEXT 12.16  |
| <b>Odor Characteristics</b>      | MEDITEXT 3, 9, 11, HAZARTEXT 1, 12, HSDB, (M)SDS Collection                          |
| <b>Odor Threshold</b>            | MEDITEXT 11, HAZARTEXT 12, HSDB 4  |
| <b>Ocular Irritation</b>         | MEDITEXT 0, 3, 7, HAZARTEXT 3, 6, HSDB 5, (M)SDS Collection                          |

## Regulatory Compliance

| Your Need                                   | RightAnswer Knowledge Solutions  |
|---|--|
| <b>Chemical Evaluation and Approval</b>     | See Chemical Approvals and Evaluations section above for reference sources |
| <b>Classification, Packaging, Labeling</b>  | HAZARTEXT 7, 8, HSDB 4, RegsLink 29, LOLI                                  |
| <b>Environmental Release Requirements</b>   | RegsLink, LOLI, HAZARTEXT  |
| <b>European Union Legislation</b>           | LOLI   |
| <b>Import/Export of Dangerous Chemicals</b> | LOLI, RegsLink   |

| Your Need   | RightAnswer Knowledge Solutions  |
|---|--|
| <b>Oral LD 50</b>                                 | MEDITEXT 7, HAZARTEXT 6  |
| <b>Organic Carbon/Water</b>                       | MEDITEXT 11, HAZARTEXT 12, HSDB 9, (M)SDS Collection                                   |
| <b>pH</b>   | MEDITEXT 4, 5, HAZARTEXT 11, HSDB 4, 7, (M)SDS Collection                              |
| <b>Pharmacodynamics</b>                           | MEDITEXT 8, ReproCollection, HSDB 10, Shepard's, REPROTOX, IRIS                        |
| <b>Pharmacokinetics</b>                           | MEDITEXT 8, HAZARTEXT 11, ReproCollection, HSDB 5, Shepard's, REPROTOX                 |
| <b>Polymerization Potent Pyrophoricity</b>        | MEDITEXT 11.2.2, HAZARTEXT 12, HSDB 2 MEDITEXT 11, 12, HAZARTEXT 10, (M)SDS Collection |
| <b>Reaction Byproducts</b>                        | MEDITEXT 11, HAZARTEXT 11, 12, HSDB 4, 5, 9, (M)SDS Collection                         |
| <b>Reaction with Metal</b>                        | MEDITEXT 11, HAZARTEXT 12, HSDB 2, 4, 5, 8, (M)SDS Collection                          |
| <b>Reactivity with Biological REDOX Potential</b> | MEDITEXT 3 HAZARTEXT 11, REPROTOX, HSDB 6  |
| <b>Reference Dose</b>                             | MEDITEXT 7, HAZARTEXT 3, HSDB 8, IRIS  |
| <b>Regulatory Compliance</b>                      | RegsLink, LOLI, HAZARTEXT, MEDITEXT, CHRIS, HSDB, NJFS, NIOSH, ERG, (M)SDS Collection  |
| <b>Reproductive Tox</b>                           | ReproCollection, MEDITEXT, HAZARTEXT, TERIS, Shepard's, HSDB                           |
| <b>Respiratory Sensitization</b>                  | HAZARTEXT 3, MEDITEXT 8  |
| <b>Saturated Vapor Concentration</b>              | MEDITEXT 11, HAZARTEXT 12  |
| <b>Sensory Irritation</b>                         | MEDITEXT 3, 7, HAZARTEXT 3, 6, HSDB 5, (M)SDS Collection                               |
| <b>Skin Irritation</b>                            | MEDITEXT 3, 7, 9, HAZARTEXT 3, 6, HSDB 5, (M)SDS Collection                            |
| <b>Skin Permeability</b>                          | MEDITEXT 3, 7, 8, HSDB 5   |
| <b>Skin Sensitization</b>                         | HAZARTEXT 3, MEDITEXT 7  |
| <b>Slope Factor</b>                               | IRIS: Carcinogenicity Assessments  |
| <b>Solubility, Aqueous</b>                        | HSDB 3, (M)SDS Collection  |
| <b>Solubility, Organic</b>                        | HSDB 3, (M)SDS Collection  |
| <b>Specific PPE</b>                               | HAZARTEXT 9  |
| <b>Subchronic Toxicity</b>                        | MEDITEXT 3, REPROTOX, HSDB 5, IRIS   |
| <b>Synonyms</b>                                   | HAZARTEXT, MEDITEXT, NIOSH, HSDB, RTECS  |
| <b>Teratogenicity</b>                             | TERIS, ReproCollection, MEDITEXT 3, 9, HAZARTEXT 3                                     |
| <b>Vapor Density</b>                              | HAZARTEXT 12, MEDITEXT 11, HSDB 3, OHM/TADS  |
| <b>Vapor Pressure</b>                             | HAZARTEXT 12, MEDITEXT 11, HSDB 3  |

| Your Need                        | RightAnswer Knowledge Solutions  |
|----------------------------------|--|
| <b>SDS Authoring and Editing</b> | See SDS Authoring, Editing, and Management section on page 1 for reference sources |
| <b>National Legislation</b>      | RegsLink, LOLI, HAZARTEXT  |
| <b>Notification Requirements</b> | RegsLink, LOLI, HAZARTEXT  |
| <b>Regulatory Changes</b>        | LOLI   |
| <b>Shipping</b>                  | HAZARTEXT 7, 8, HSDB 4, 7, CHRIS 4, 7, RegsLink 29, (M)SDS Collection              |
| <b>Workplace Standards</b>       | RegsLink, LOLI, HAZARTEXT  |

## ADDITIONAL GOVERNMENT DATA SOURCES SEARCHABLE WITHIN THE KNOWLEDGE SOLUTIONS INTERFACE

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