



A CSW Industrials Company

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 8/31/2023 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : COIL-RITE™

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial

#### 1.3. Supplier

##### Manufacturer

RectorSeal, LLC  
2601 Spenwick Drive  
Houston, Texas 77055  
USA  
T (800)-231-3345 or (713)263-8001  
[www.rectorseal.com](http://www.rectorseal.com)

#### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week  
Within USA and Canada: 1.800.424.9300  
Outside USA and Canada: +1.703.527.3887  
(collect calls accepted)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture


##### GHS US classification

Specific target organ toxicity (repeated exposure) Category 2 H373 May cause damage to organs through prolonged or repeated exposure

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US) : 

Signal word (GHS US) : Warning  
Hazard statements (GHS US) : H373 - May cause damage to organs through prolonged or repeated exposure  
Precautionary statements (GHS US) : P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P314 - Get medical advice/attention if you feel unwell.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No additional information available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name             | Product identifier | %            | GHS US classification   |
|------------------|--------------------|--------------|---|
| butyl glycoether | CAS-No.: 111-76-2  | 5.607 – 6.23 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT RE 2, H373 |

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name   | Product identifier | %        | GHS US classification |
|--|--------------------|----------|-----------------------|
| Potassium diphosphate tetrabasic, Tetrapotassium diphosphate | CAS-No.: 7320-34-5 | ≥ 2.2895 | Eye Irrit. 2, H319    |

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Get medical advice/attention if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery. Do not breathe dust/fume/gas/mist/vapors/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

COIL-RITE™

No additional information available

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|   |  |                   |                       |                    |
|---|--|-------------------|-----------------------|--------------------|
| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |  |                   |                       |                    |
| No additional information available   |  |                   |                       |                    |
| <b>butyl glycoether (111-76-2)</b>  |  |                   |                       |                    |
| <b>USA - ACGIH - Occupational Exposure Limits</b>                               |  |                   |                       |                    |
| Local name  | 2-Butoxyethanol (EGBE)   |                   |                       |                    |
| ACGIH OEL TWA [ppm]   | 20 ppm   |                   |                       |                    |
| Remark (ACGIH)  | TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |                   |                       |                    |
| Regulatory reference  | ACGIH 2021   |                   |                       |                    |
| <b>USA - OSHA - Occupational Exposure Limits</b>                                |  |                   |                       |                    |
| Local name  | 2-Butoxyethanol  |                   |                       |                    |
| OSHA PEL (TWA) [1]  | 240 mg/m <sup>3</sup>  |                   |                       |                    |
| OSHA PEL (TWA) [2]  | 50 ppm   |                   |                       |                    |
| Regulatory reference (US-OSHA)  | OSHA Annotated Table Z-1   |                   |                       |                    |
| <b>8.2. Appropriate engineering controls</b>                                    |  |                   |                       |                    |
| Appropriate engineering controls  | : Ensure good ventilation of the work station.   |                   |                       |                    |
| Environmental exposure controls   | : Avoid release to the environment.  |                   |                       |                    |
| <b>8.3. Individual protection measures/Personal protective equipment</b>        |  |                   |                       |                    |
| <b>Materials for protective clothing:</b>                                       |  |                   |                       |                    |
| Wear protective clothing  |  |                   |                       |                    |
| <b>Hand protection:</b>   |  |                   |                       |                    |
| Neoprene or nitrile rubber gloves   |  |                   |                       |                    |
| <b>Type</b>   | <b>Material</b>  | <b>Permeation</b> | <b>Thickness (mm)</b> | <b>Penetration</b> |
| Disposable gloves   | Nitrile rubber (NBR),<br>Neoprene rubber (HNBR)  | 2 (> 30 minutes)  | 0.3 mm - 0.6 mm       |                    |
| <b>Eye protection:</b>  |  |                   |                       |                    |
| Wear eye protection   |  |                   |                       |                    |
| <b>Skin and body protection:</b>  |  |                   |                       |                    |
| Wear suitable protective clothing   |  |                   |                       |                    |
| <b>Respiratory protection:</b>  |  |                   |                       |                    |
| No respiratory protection needed under normal use conditions                    |  |                   |                       |                    |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                              | : Liquid            |
| Appearance                                  | : Liquid.           |
| Color                                       | : Green             |
| Odor  | : Mild odor         |
| Odor threshold                              | : No data available |
| pH  | : No data available |
| Melting point                               | : Not applicable    |
| Freezing point                              | : No data available |
| Boiling point                               | : 100 °C            |
| Flash point                                 | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|   |                     |
|---|---------------------|
| Flammability (solid, gas)                       | : Not applicable.   |
| Vapor pressure                                  | : 17 mm Hg @ 20°C   |
| Relative vapor density at 20°C                  | : 1                 |
| Relative density                                | : No data available |
| Solubility                                      | : soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosion limits                                | : No data available |
| Explosive properties                            | : No data available |
| Oxidizing properties                            | : No data available |

### 9.2. Other information

VOC content : 5 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5) |  |
|--|--|
| LD50 oral rat  | 2440 mg/kg body weight (Rat, Male, Experimental value, Oral, 14 day(s))  |
| LD50 dermal rabbit   | > 2000 mg/kg body weight Animal: rabbit, Guideline: other:FMC Non-Definitive Dermal Toxicity Protocol (Number 7), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |
| LC50 Inhalation - Rat  | > 1.1 mg/l air Animal: rat, Guideline: other:FMC Acute Inhalation Toxicity Protocol Number 27, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: other:US EPA Toxic Substances Health Effect Test Guidelines, October, 1984; (PB82-232984) Acute Inhalation Toxicity Study., Guideline: other:Commission of the European Communities, Council Directive 67/548/EEC, Annex V, Part B.2.; May 1, 1987, Guideline: other:US EPA Pesticide Assessment Guidelines: Subdivision F, Hazard Evaluation: Human and Domestic Animals, Nov, 1984; 81-3 Acute Inhalation Study |
| ATE US (oral)  | 2440 mg/kg body weight   |
| butyl glycoether (111-76-2)  |  |
| LD50 oral rat  | 1746 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1322 - 2301   |
| LD50 oral  | 470 mg/kg  |
| LD50 dermal rat  | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)  |
| LD50 dermal  | 220 mg/kg  |

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| <b>butyl glycoether (111-76-2)</b> |   |
|------------------------------------|---|
| LC50 Inhalation - Rat [ppm]        | 450 ppm (Equivalent or similar to OECD 403, 4 h, Rat, Female, Experimental value, Inhalation (vapours)) |
| LC50 Inhalation - Rat (Vapours)    | 2.03 mg/l/4h  |
| ATE US (oral)                      | 470 mg/kg body weight   |
| ATE US (dermal)                    | 220 mg/kg body weight   |
| ATE US (gases)                     | 4500 ppmV/4h  |
| ATE US (vapors)                    | 2.03 mg/l/4h  |
| ATE US (dust, mist)                | 1.5 mg/l/4h   |

Skin corrosion/irritation : Not classified

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |                      |
|---|----------------------|
| pH  | 10.6 (67.2 %, 20 °C) |

Serious eye damage/irritation : Not classified

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |                      |
|---|----------------------|
| pH  | 10.6 (67.2 %, 20 °C) |

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| <b>butyl glycoether (111-76-2)</b> |                      |
|------------------------------------|----------------------|
| IARC group                         | 3 - Not classifiable |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |  |
|---|--|
| NOAEL (oral,rat,90 days)  | 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

| <b>butyl glycoether (111-76-2)</b> |  |
|------------------------------------|--|
| NOAEL (dermal,rat/rabbit,90 days)  | > 150 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |
| STOT-repeated exposure             | May cause damage to organs through prolonged or repeated exposure.   |

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

| <b>butyl glycoether (111-76-2)</b> |                                  |
|------------------------------------|----------------------------------|
| Viscosity, kinematic               | 2.284 mm <sup>2</sup> /s (40 °C) |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |   |
|---|---|
| LC50 - Fish [1]   | > 100 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)             |
| EC50 - Crustacea [1]  | > 100 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]  | > 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |   |
|---|---|
| ErC50 algae   | > 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, GLP)                       |
| <b>butyl glycoether (111-76-2)</b>  |   |
| LC50 - Fish [1]   | 116 mg/l  |
| EC50 - Crustacea [1]  | 130 mg/l  |
| EC50 72h - Algae [1]  | 911 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]  | 1840 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)  | 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |
| NOEC chronic fish   | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '21 d'                                      |

### 12.2. Persistence and degradability

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |   |
|---|---|
| Not rapidly degradable  |   |
| Persistence and degradability   | Biodegradability in water: no data available. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)                    |
| ThOD  | Not applicable (inorganic)                    |
| <b>butyl glycoether (111-76-2)</b>  |   |
| Persistence and degradability   | Readily biodegradable in water.               |

### 12.3. Bioaccumulative potential

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow)                                 | -10.45   |
| Bioaccumulative potential   | Not bioaccumulative.                             |
| <b>butyl glycoether (111-76-2)</b>  |  |
| Partition coefficient n-octanol/water (Log Pow)                                 | 0.81 (Test data, 20 °C)                          |
| Bioaccumulative potential   | Low potential for bioaccumulation (Log Kow < 4). |

### 12.4. Mobility in soil

| <b>Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)</b> |  |
|---|--|
| Surface tension   | Not applicable (solid)                                 |
| Ecology - soil  | No (test) data on mobility of the substance available. |
| <b>butyl glycoether (111-76-2)</b>  |  |
| Surface tension   | 65.03 mN/m (20 °C, 2 g/l)                              |
| Ecology - soil  | Low potential for adsorption in soil.                  |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| DOT                                     | TDG           | IMDG          | IATA          |
|---|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

### 14.6. Special precautions for user

#### DOT

Not regulated

#### TDG

Not regulated

#### IMDG

Not regulated

#### IATA

Not regulated

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

|                            |                     |           |
|----------------------------|---------------------|-----------|
| Nonylphenol Polyethoxylate | CAS-No. 127087-87-0 | ≥ 5.6648% |
|----------------------------|---------------------|-----------|

### 15.2. International regulations

#### CANADA

##### Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)

Listed on the Canadian DSL (Domestic Substances List)

##### butyl glycolether (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

##### Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

# COIL-RITE™

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### butyl glycolether (111-76-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### National regulations

#### Potassium diphosphate tetrabasic, Tetrapotassium diphosphate (7320-34-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

### butyl glycolether (111-76-2)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component                   | State or local regulations  |
|-----------------------------|---|
| butyl glycolether(111-76-2) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List |

### SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

#### Full text of H-phrases

|      |   |
|------|---|
| H227 | Combustible liquid  |
| H302 | Harmful if swallowed  |
| H311 | Toxic in contact with skin  |
| H315 | Causes skin irritation  |
| H319 | Causes serious eye irritation                                     |
| H332 | Harmful if inhaled  |
| H373 | May cause damage to organs through prolonged or repeated exposure |

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.