



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Section 1 - PRODUCT AND COMPANY IDENTIFICATION

**Material Name**

Cut-N-Treat Wood Preservative

**Product Code**

EPA Registration No. 3008-128

**Product Use**

Brush-on end-cut wood preservative for cuts, holes and injuries to pressure treated wood used in above ground applications.

**Restrictions on Use**

Product is ready to use and not to be used in preserved wood foundations, to recoat pressure treated wood surfaces, or as a replacement for pressure treatment. For above ground exterior use only. Not for use in dwellings.

**Details of the supplier of the safety data sheet**

Koppers Performance Chemicals Inc.  
1016 Everee Inn Rd.  
Griffin, GA 30224  
Phone: 770-233-4200  
Emergency Phone #: CHEMTREC 1-800-424-9300  
E-mail: KPCmgrsds@koppers.com  
Regulatory Manager, KPC Inc.

### Section 2 - HAZARDS IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 1

Germ Cell Mutagenicity - Category 2

Hazardous to the Aquatic Environment - Acute - Category 2

Hazardous to the Aquatic Environment - Chronic - Category 2

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statement(s)**

Causes skin irritation.

Causes serious eye damage.

Suspected of causing genetic defects.

Toxic to aquatic life with long lasting effects.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Precautionary Statement(s)

#### Prevention

Obtain special instructions before use.

Specific measures (see label).

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

Avoid release to the environment.

#### Response

Collect spillage.

IF exposed or concerned: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

Immediately call a POISON CENTER or doctor.

Specific treatment (see label).

#### Storage

Keep out of reach of children.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CAS        | Component Name                   | Percent |
|------------|----------------------------------|---------|
| 7732-18-5  | Water                            | 90-96   |
| 12069-69-1 | Copper(II) carbonate hydroxide   | 3-4     |
| 7173-51-5  | Didecyldimethylammonium chloride | 1-2     |
| 7632-00-0  | Sodium nitrite                   | <0.25   |
| 64-17-5    | Ethyl alcohol                    | <0.25   |

#### Component Related Regulatory Information

Copper metallic Equivalent = 2%.

The chemical identity and/or percentage of composition is being withheld as a trade secret.

### Section 4 - FIRST AID MEASURES

#### Inhalation

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

#### Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Eyes

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

### Ingestion

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

### Most Important Symptoms/Effects

#### Acute

Causes skin irritation. Causes serious eye damage.

#### Delayed

Suspected of causing genetic defects.

### Note to Physicians

Probable mucosal damage may contraindicate the use of gastric lavage.

General information: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center at 1-800-858-7378 (NPIC web site: [www.npic.orst.edu](http://www.npic.orst.edu)).

For emergencies, call the poison control center 1-800-222-1222.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, regular dry chemical, foam, water spray

#### Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

### Special Hazards Arising from the Chemical

Irritating and toxic gases or fumes may be released during a fire.

### Hazardous Combustion Products

Oxides of carbon, oxides of copper, copper fumes, metal oxides.

### Advice for firefighters

Containers may rupture or explode if exposed to heat.

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with flooding quantities of water until well after fire is out. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Cleaning Up

Eliminate sources of ignition. Avoid heat, flames, sparks and other sources of ignition. Reduce vapors with water spray. Do not touch spilled material. Stop leak if possible without personal risk. Wipe up with absorbent material (e.g. cloth, fleece). Collect spilled material in appropriate container for disposal. Clean contaminated surface thoroughly. Never return spills in original containers for re-use. Do not contaminate water, food, or feed by storage or disposal.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Environmental Precautions

Avoid release to the environment. Collect spillage.

## Section 7 - HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin, or on clothing. Wear protective eyewear such as glasses, face shield, or safety glasses. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### Conditions for Safe Storage, Including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in a tightly closed container. Store in original container. Store in a cool, dry place. Store in a well-ventilated place. Keep separated from incompatible substances. Keep out of direct sunlight, and away from heat, water, and incompatible materials. Protect from freezing.

### Incompatible Materials

strong oxidizing agents

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Component Exposure Limits

|                      |  |
|----------------------|--|
| <b>Ethyl alcohol</b> | <b>64-17-5</b>                           |
| ACGIH:               | 1000 ppm STEL                            |
| NIOSH:               | 1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA |
|                      | 3300 ppm IDLH (10% LEL)                  |
| OSHA (US):           | 1000 ppm TWA; 1900 mg/m <sup>3</sup> TWA |
| Mexico:              | 1000 ppm STEL [PPT-CT]                   |

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

### Engineering Controls

As necessary to comply with applicable exposure limits, provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear protective eyewear such as glasses, face shield, or safety glasses.

#### Skin Protection

Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

#### Respiratory Protection

If the applicable TLVs and/or PELs are exceeded, use NIOSH-approved multipurpose air-purifying cartridge respirators, for organic vapors and P-100 particulate. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known, or any other circumstance where air-purifying respirators may not provide adequate protection.

#### Glove Recommendations

Wear appropriate chemical resistant gloves.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

Additional recommendations: Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                     |   |                                    |
|---------------------------------|---------------------|---|------------------------------------|
| <b>Appearance</b>               | green liquid        | <b>Physical State</b>                         | liquid                             |
| <b>Odor</b>                     | No odor             | <b>Color</b>                                  | green                              |
| <b>Odor Threshold</b>           | Not available       | <b>pH</b>                                     | 6 - 7                              |
| <b>Melting Point</b>            | Not available       | <b>Boiling Point</b>                          | Not available                      |
| <b>Boiling Point Range</b>      | Not available       | <b>Freezing point</b>                         | Not available                      |
| <b>Evaporation Rate</b>         | Not available       | <b>Flammability (solid, gas)</b>              | Not available                      |
| <b>Autoignition Temperature</b> | Not available       | <b>Flash Point</b>                            | >99 °C [Pensky-Martens Closed Cup] |
| <b>Lower Explosive Limit</b>    | Not available       | <b>Decomposition temperature</b>              | Not available                      |
| <b>Upper Explosive Limit</b>    | Not available       | <b>Vapor Pressure</b>                         | Not available                      |
| <b>Vapor Density (air=1)</b>    | Not available       | <b>Specific Gravity (water=1)</b>             | 1.01                               |
| <b>Water Solubility</b>         | soluble             | <b>Partition coefficient: n-octanol/water</b> | Not available                      |
| <b>Viscosity</b>                | 0.995 mPas at 20 °C | <b>Kinematic viscosity</b>                    | 0.985 cSt at 20 °C                 |
| <b>Solubility (Other)</b>       | Not available       | <b>Bulk Density</b>                           | 8.43 lb/gal                        |
| <b>Density</b>                  | 1.01 g/mL at 20 °C  | <b>Physical Form</b>                          | liquid                             |

### Section 10 - STABILITY AND REACTIVITY

#### Reactivity

No reactivity hazard is expected.

#### Chemical Stability

Stable at normal temperatures and pressure.

#### Possibility of Hazardous Reactions

Will not polymerize.

#### Conditions to Avoid

Avoid contact with incompatible materials. Heat, sparks, or flame and incompatible materials. Extreme temperatures. Protect from freezing.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Incompatible Materials

Strong oxidizing agents

### Hazardous decomposition products

Oxides of carbon, oxides of copper, copper fumes, metal oxides.

## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

May be harmful if inhaled.

#### Skin Contact

Causes skin irritation.

#### Eye Contact

Causes serious eye damage.

#### Ingestion

No information on significant adverse effects.

### Acute and Chronic Toxicity

#### Product Toxicity Data

#### Product Analysis LD/LC 50 Toxicity Values

|                  |                     |
|------------------|---------------------|
| Oral LD50:       | Rat >5000 mg/kg     |
| Dermal LD50:     | Rat >5000 mg/kg     |
| Inhalation LC50: | Rat >2.33 mg/l 4 hr |

#### Immediate Effects

Causes skin irritation. Causes serious eye damage.

#### Delayed Effects

Suspected of causing genetic defects.

#### Irritation/Corrosivity Data

This material was moderately irritating to rabbit skin. It is severely irritating to eyes of rabbits.

#### Respiratory Sensitization

No information on significant adverse effects.

#### Dermal Sensitization

This material is not considered to be a skin sensitizer.

#### Component Carcinogenicity

|                      |   |
|----------------------|---|
| <b>Ethyl alcohol</b> | <b>64-17-5</b>  |
| ACGIH:               | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans   |
| IARC:                | Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages) (Group 1 (carcinogenic to humans)) |
| DFG:                 | Category 5 (low carcinogenic potency)   |
| OSHA:                | Present   |

#### Germ Cell Mutagenicity

Suspected of causing genetic defects.



## Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

### Tumorigenic Data

No data available.

### Reproductive Toxicity

No information on significant adverse effects.

### Specific Target Organ Toxicity - Single Exposure

No target organs identified.

### Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

### Aspiration hazard

No data available.

### Medical Conditions Aggravated by Exposure

None known.

## Section 12 - ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

### Component Analysis - Aquatic Toxicity

|   |  |
|---|--|
| <b>Didecyldimethylammonium chloride</b> | <b>7173-51-5</b>   |
| Fish:                                   | LC50 96 h Danio rerio 0.97 mg/L [semi-static]  |
| <b>Sodium nitrite</b>                   | <b>7632-00-0</b>   |
| Fish:                                   | LC50 96 h Oncorhynchus mykiss 0.19 mg/L [flow-through] (juvenile); LC50 96 h Oncorhynchus mykiss 0.092 - 0.13 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 0.4 - 0.6 mg/L [semi-static]; LC50 96 h Oncorhynchus mykiss 0.65 - 1 mg/L [static]; LC50 96 h Pimephales promelas 2.3 mg/L [flow-through]; LC50 96 h Pimephales promelas 20 mg/L [static] |
| <b>Ethyl alcohol</b>                    | <b>64-17-5</b>   |
| Fish:                                   | LC50 96 h Oncorhynchus mykiss 12 - 16 mL/L [static]; LC50 96 h Pimephales promelas >100 mg/L [static]; LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through]   |
| Invertebrate:                           | LC50 48 h Daphnia magna 9268 - 14221 mg/L IUCLID; EC50 48 h Daphnia magna 2 mg/L [Static] EPA  |

### Persistence and Degradability

No data available.

### Bioaccumulative Potential

No data available.

### Mobility

No data available.



# Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative

SDS ID: 372.1-KPC

## Section 13 - DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose in accordance with all applicable regulations. Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## Section 14 - TRANSPORT INFORMATION

### US DOT Information:

**Further information:** Not regulated as dangerous goods

### IATA Information:

**Further information:** Not regulated as dangerous goods

### ICAO Information:

**Further information:** Not regulated as dangerous goods

### IMDG Information:

**Further information:** Not regulated as dangerous goods

### TDG Information:

**Further information:** Not regulated as dangerous goods

### International Bulk Chemical Code

This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

|                       |                       |
|-----------------------|-----------------------|
| <b>Sodium nitrite</b> | <b>7632-00-0</b>      |
| IBC Code:             | Category Y (solution) |

## Section 15 - REGULATORY INFORMATION

### U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

|                       |   |
|-----------------------|---|
| <b>Sodium nitrite</b> | <b>7632-00-0</b>  |
| SARA 313:             | 1 % de minimis concentration                                  |
| CERCLA:               | 100 lb final RQ; 45.4 kg final RQ                             |
| TSCA 12b:             | Section 5, 1 % de minimus concentration (see 40 CFR 721.4740) |

### SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation; Germ Cell Mutagenicity





## Safety Data Sheet

**Material Name: Cut-N-Treat Wood Preservative**

**SDS ID: 372.1-KPC**

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:

| Component             | CAS              | CA  | MA  | MN  | NJ  | PA  |
|-----------------------|------------------|-----|-----|-----|-----|-----|
| <b>Sodium nitrite</b> | <b>7632-00-0</b> | Yes | Yes | No  | Yes | Yes |
| <b>Ethyl alcohol</b>  | <b>64-17-5</b>   | Yes | Yes | Yes | Yes | Yes |

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**

Not listed under California Proposition 65.

**Component Analysis - Inventory**

**Water (7732-18-5)**

| US  | CA  | AU  | CN  | EU  | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| Yes | DSL | Yes | Yes | EIN | Yes       | No        | Yes               | No                |

| KR - REACH CCA | MX  | NZ  | PH  | TH-TECI | TW  | VN (Draft) |
|----------------|-----|-----|-----|---------|-----|------------|
| No             | Yes | Yes | Yes | Yes     | Yes | Yes        |

**Copper(II) carbonate hydroxide (12069-69-1)**

| US  | CA  | AU  | CN  | EU  | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| Yes | DSL | Yes | Yes | EIN | Yes       | Yes       | Yes               | No                |

| KR - REACH CCA | MX | NZ  | PH  | TH-TECI | TW  | VN (Draft) |
|----------------|----|-----|-----|---------|-----|------------|
| No             | No | Yes | Yes | Yes     | Yes | Yes        |

**Didecyldimethylammonium chloride (7173-51-5)**

| US  | CA  | AU  | CN  | EU  | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| Yes | DSL | Yes | Yes | EIN | Yes       | Yes       | Yes               | No                |

| KR - REACH CCA | MX  | NZ  | PH  | TH-TECI | TW  | VN (Draft) |
|----------------|-----|-----|-----|---------|-----|------------|
| Yes            | Yes | Yes | Yes | No      | Yes | Yes        |

**Sodium nitrite (7632-00-0)**

| US  | CA  | AU  | CN  | EU  | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| Yes | DSL | Yes | Yes | EIN | Yes       | Yes       | Yes               | No                |



## Safety Data Sheet

**Material Name: Cut-N-Treat Wood Preservative**

**SDS ID: 372.1-KPC**

|                |     |     |     |         |     |            |
|----------------|-----|-----|-----|---------|-----|------------|
| KR - REACH CCA | MX  | NZ  | PH  | TH-TECI | TW  | VN (Draft) |
| Yes            | Yes | Yes | Yes | Yes     | Yes | Yes        |

**Ethyl alcohol (64-17-5)**

|     |     |     |     |     |           |           |                   |                   |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| US  | CA  | AU  | CN  | EU  | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
| Yes | DSL | Yes | Yes | EIN | Yes       | Yes       | Yes               | No                |

|                |     |     |     |         |     |            |
|----------------|-----|-----|-----|---------|-----|------------|
| KR - REACH CCA | MX  | NZ  | PH  | TH-TECI | TW  | VN (Draft) |
| No             | Yes | Yes | Yes | Yes     | Yes | Yes        |

**Further information**

Labeling Requirements Under FIFRA. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label. DANGER. Corrosive. Causes irreversible eye damage.

**Section 16 - OTHER INFORMATION**

**NFPA Ratings**

Health: 3 Fire: 1 Instability: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Preparation Date**

New: 02/26/2020

Updated: 05/05/2021

Revision number: 2

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan;



## Safety Data Sheet

**Material Name: Cut-N-Treat Wood Preservative**

**SDS ID: 372.1-KPC**

Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX – Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL – Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA – Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### **Other Information**

#### **Disclaimer:**

The information set forth in this Safety Data Sheet does not purport to be all-inclusive and should be used only as a guide. While the information and recommendations set forth herein are believed to be accurate, the company makes no warranty regarding such information and recommendations and disclaims all liability from reliance thereon.