

## pr\_MasterProtect EL 850 (SERIES) 5 GAL

Version 3.1      Revision Date: 11/08/2021      SDS Number: 000000261063      Date of last issue: 03/30/2021  
Date of first issue: 08/25/2020

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**SECTION 1. IDENTIFICATION**

Product name : pr\_MasterProtect EL 850 (SERIES) 5 GAL  
Product code : 000000000058409214 000000000058409214

**Manufacturer or supplier's details**

Company name of supplier : Master Builders-Construction Systems  
US, LLC  
Address : 23700 CHAGRIN BLVD  
Beachwood OH 44122  
Emergency telephone : ChemTel: +1-813-248-0585  
National Emergency Tele-  
phone Number : USA: +1-800-255-3924 ChemTel contract no. MIS9240420

**Recommended use of the chemical and restrictions on use**

Recommended use : Product for construction chemicals  
Restrictions on use : Reserved for industrial and professional use.

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**SECTION 2. HAZARDS IDENTIFICATION****GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Carcinogenicity (Inhalation) : Category 1A  
Short-term (acute) aquatic hazard : Category 3  
Long-term (chronic) aquatic hazard : Category 3

**GHS label elements**

Hazard pictograms :



Signal Word : Danger  
Hazard Statements : H350 May cause cancer by inhalation.  
H412 Harmful to aquatic life with long lasting effects.  
Precautionary Statements : **Prevention:**  
P201 Obtain special instructions before use.

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P202 Do not handle until all safety precautions have been read and understood.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Components**

| Chemical name                    | CAS-No.    | Concentration (% w/w) |
|----------------------------------|------------|-----------------------|
| Limestone                        | 1317-65-3  | >= 20 - < 30          |
| Titanium dioxide                 | 13463-67-7 | >= 5 - < 10           |
| propane-1,2-diol                 | 57-55-6    | >= 1 - < 5            |
| Silicon dioxide                  | 7631-86-9  | >= 1 - < 5            |
| zinc oxide                       | 1314-13-2  | >= 0.1 - < 1          |
| Quartz (SiO <sub>2</sub> )       | 14808-60-7 | >= 0.1 - < 1          |
| diuron                           | 330-54-1   | < 0.1                 |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | < 0.1                 |

Actual concentration is withheld as a trade secret

**SECTION 4. FIRST AID MEASURES**

- General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
- If inhaled : If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap.  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Remove contact lenses, if present.  
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed : May cause cancer by inhalation.  
May cause cancer.  
May cause cancer by inhalation.

Notes to physician : Treat symptomatically.

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**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : water jet

Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.

Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black  
carbon oxides

Further information : The degree of risk is governed by the burning substance and the fire conditions.  
If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

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**SECTION 7. HANDLING AND STORAGE**

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- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapors/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.
- Recommended storage temperature : > 41 °F / > 5 °C
- Further information on storage stability : PROTECT FROM FREEZING DURING THE COLD-SEASON (BELOW 40°F / 5°C ).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Ingredients with workplace control parameters

| Components | CAS-No.   | Value type (Form of exposure)   | Control parameters / Permissible concentration | Basis                          |
|------------|-----------|---------------------------------|--|--------------------------------|
| diuron     | 330-54-1  | TWA value                       | 10 mg/m <sup>3</sup>                           | ACGIHTLV                       |
|            |           | REL value                       | 10 mg/m <sup>3</sup>                           | NIOSH                          |
|            |           | TWA value                       | 10 mg/m <sup>3</sup>                           | 29 CFR 1910.1000 (Table Z-1-A) |
|            |           | TWA                             | 10 mg/m <sup>3</sup>                           | ACGIH                          |
|            |           | TWA                             | 10 mg/m <sup>3</sup>                           | NIOSH REL                      |
|            |           | TWA                             | 10 mg/m <sup>3</sup>                           | OSHA P0                        |
| zinc oxide | 1314-13-2 | TWA value (Respirable fraction) | 2 mg/m <sup>3</sup>                            | ACGIHTLV                       |
|            |           | STEL value (Respirable)         | 10 mg/m <sup>3</sup>                           | ACGIHTLV                       |

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|  |  |                                      |          |                                |
|--|--|--------------------------------------|----------|--------------------------------|
|  |  | fraction)                            |          |                                |
|  |  | REL value (fumes/smoke)              | 5 mg/m3  | NIOSH                          |
|  |  | REL value (dust)                     | 5 mg/m3  | NIOSH                          |
|  |  | STEL value (fumes/smoke)             | 10 mg/m3 | NIOSH                          |
|  |  | Ceil_Time (dust)                     | 15 mg/m3 | NIOSH                          |
|  |  | PEL (Total dust)                     | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1)   |
|  |  | PEL (Respirable fraction)            | 5 mg/m3  | 29 CFR 1910.1000 (Table Z-1)   |
|  |  | PEL (fumes/smoke)                    | 5 mg/m3  | 29 CFR 1910.1000 (Table Z-1)   |
|  |  | TWA value (fumes/smoke)              | 5 mg/m3  | 29 CFR 1910.1000 (Table Z-1-A) |
|  |  | TWA value (Respirable fraction)      | 5 mg/m3  | 29 CFR 1910.1000 (Table Z-1-A) |
|  |  | TWA value (Total dust)               | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
|  |  | STEL value (fumes/smoke)             | 10 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
|  |  | TWA (Respirable particulate matter)  | 2 mg/m3  | ACGIH                          |
|  |  | STEL (Respirable particulate matter) | 10 mg/m3 | ACGIH                          |
|  |  | TWA (Dust)                           | 5 mg/m3  | NIOSH REL                      |
|  |  | TWA (Fumes)                          | 5 mg/m3  | NIOSH REL                      |
|  |  | ST (Fumes)                           | 10 mg/m3 | NIOSH REL                      |
|  |  | C (Dust)                             | 15 mg/m3 | NIOSH REL                      |
|  |  | TWA (Fumes)                          | 5 mg/m3  | OSHA Z-1                       |
|  |  | TWA (total dust)                     | 15 mg/m3 | OSHA Z-1                       |
|  |  | TWA (respirable fraction)            | 5 mg/m3  | OSHA Z-1                       |
|  |  | TWA (Total dust)                     | 10 mg/m3 | OSHA P0                        |
|  |  | TWA (respir-                         | 5 mg/m3  | OSHA P0                        |

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|------------------|------------|--------------------------------|--|--------------------------------|
|                  |            | able dust fraction)            |  |                                |
|                  |            | TWA (Fumes)                    | 5 mg/m3  | OSHA P0                        |
|                  |            | STEL (Fumes)                   | 10 mg/m3                                       | OSHA P0                        |
| Limestone        | 1317-65-3  | TWA (total dust)               | 15 mg/m3                                       | OSHA Z-1                       |
|                  |            | TWA (respirable fraction)      | 5 mg/m3  | OSHA Z-1                       |
|                  |            | TWA (Total dust)               | 15 mg/m3                                       | OSHA P0                        |
|                  |            | TWA (respirable dust fraction) | 5 mg/m3  | OSHA P0                        |
|                  |            | TWA (Respirable)               | 5 mg/m3 (Calcium carbonate)                    | NIOSH REL                      |
|                  |            | TWA (total)                    | 10 mg/m3 (Calcium carbonate)                   | NIOSH REL                      |
| Silicon dioxide  | 7631-86-9  | REL value                      | 6 mg/m3  | NIOSH                          |
|                  |            | TWA value                      | 6 mg/m3  | 29 CFR 1910.1000 (Table Z-1-A) |
|                  |            | TWA value                      | 20 millions of particles per cubic foot of air | 29 CFR 1910.1000 (Table Z-3)   |
|                  |            | TWA value                      | 0.8 mg/m3                                      | 29 CFR 1910.1000 (Table Z-3)   |
|                  |            | TWA (Dust)                     | 20 Million particles per cubic foot (Silica)   | OSHA Z-3                       |
|                  |            | TWA (Dust)                     | 80 mg/m3 / %SiO2 (Silica)                      | OSHA Z-3                       |
|                  |            | TWA (Respirable dust)          | 0.05 mg/m3 (Silica)                            | NIOSH REL                      |
|                  |            | TWA                            | 6 mg/m3 (Silica)                               | NIOSH REL                      |
| Titanium dioxide | 13463-67-7 | TWA (total dust)               | 15 mg/m3                                       | OSHA Z-1                       |
|                  |            | TWA (Total dust)               | 10 mg/m3                                       | OSHA P0                        |
|                  |            | TWA                            | 10 mg/m3 (Titanium dioxide)                    | ACGIH                          |
| Quartz (SiO2)    | 14808-60-7 | TWA (Respirable dust)          | 0.05 mg/m3                                     | OSHA Z-1                       |
|                  |            | TWA (respirable)               | 10 mg/m3 / %SiO2+2                             | OSHA Z-3                       |
|                  |            | TWA (respirable)               | 250 mppcf / %SiO2+5                            | OSHA Z-3                       |
|                  |            | TWA (respir-                   | 0.1 mg/m3                                      | OSHA P0                        |

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|--|--|-------------------------------------|----------------------------------|-----------|
|  |  | able dust fraction)                 |                                  |           |
|  |  | TWA (Respirable particulate matter) | 0.025 mg/m <sup>3</sup> (Silica) | ACGIH     |
|  |  | PEL (respirable)                    | 0.05 mg/m <sup>3</sup>           | OSHA CARC |
|  |  | TWA (Respirable dust)               | 0.05 mg/m <sup>3</sup> (Silica)  | NIOSH REL |

**Engineering measures** : Ensure adequate ventilation.

**Personal protective equipment**

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
 Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

**Hand protection**

**Remarks** : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection** : Safety glasses with side-shields.

**Skin and body protection** : light protective clothing

**Protective measures** : Do not inhale gases/vapours/aerosols.  
 Avoid contact with the skin, eyes and clothing.  
 Avoid exposure - obtain special instructions before use.  
 Handle in accordance with good building materials hygiene and safety practice.  
 Wearing of closed work clothing is recommended.

**Hygiene measures** : When using, do not eat, drink or smoke.  
 Hands and/or face should be washed before breaks and at the end of the shift.  
 At the end of the shift the skin should be cleaned and skin-care agents applied.  
 Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.  
 Gloves must be inspected regularly and prior to each use.  
 Replace if necessary (e.g. pinhole leaks).

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : liquid

**Color** : pigmented

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Odor : mild, like acrylic

Odor Threshold : not determined

pH : 8 - 9.5

Melting point : approx. 32 °F / 0 °C

Boiling point : 212 °F / 100 °C

Flash point : A flash point determination is unnecessary due to the high water content.

Evaporation rate : No data available

Flammability (liquids) : Not classified as a flammability hazard

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : Not applicable

Lower explosion limit / Lower flammability limit : Not applicable

Vapor pressure : No data available

Relative vapor density : 1

Relative density : 1.27

Density : approx. 1.0 g/cm<sup>3</sup> (68 °F / 20 °C)

Bulk density : Not applicable

Solubility(ies)

    Water solubility : partly soluble

    Solubility in other solvents : partly soluble

Partition coefficient: n-octanol/water : No data available

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity

    Viscosity, dynamic : No data available

    Viscosity, kinematic : No data available



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|                      |   |  |
|----------------------|---|--|
| Explosive properties | : | Not explosive  |
| Oxidizing properties | : | Based on its structural properties the product is not classified as oxidizing. |
| Sublimation point    | : | No data available  |
| Molecular weight     | : | No data available  |

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**SECTION 10. STABILITY AND REACTIVITY**

|                                    |   |  |
|------------------------------------|---|--|
| Reactivity                         | : | No hazardous reactions if stored and handled as prescribed/indicated.                      |
| Chemical stability                 | : | The product is stable if stored and handled as prescribed/indicated.                       |
| Possibility of hazardous reactions | : | The product is stable if stored and handled as prescribed/indicated.                       |
| Conditions to avoid                | : | See SDS section 7 - Handling and storage.  |
| Incompatible materials             | : | Strong bases<br>Strong acids   |
| Hazardous decomposition products   | : | In case of fire hazardous decomposition products may be produced such as:<br>carbon oxides |

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Respiratory or skin sensitization****Skin sensitization**

Not classified based on available information.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

May cause cancer by inhalation.



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**Mobility in soil**

No data available

**Other adverse effects****Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with national, state and local regulations.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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**SECTION 14. TRANSPORT INFORMATION****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

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

Not applicable for product as supplied.

**Domestic regulation****49 CFR**

Not regulated as a dangerous good

**Special precautions for user**

Not applicable

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**SECTION 15. REGULATORY INFORMATION****US State Regulations****Pennsylvania Right To Know**

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|                  |            |
|------------------|------------|
| propane-1,2-diol | 57-55-6    |
| zinc oxide       | 1314-13-2  |
| Limestone        | 1317-65-3  |
| Silicon dioxide  | 7631-86-9  |
| Titanium dioxide | 13463-67-7 |
| ethylene oxide   | 75-21-8    |
| propylene oxide  | 75-56-9    |
| 1,4-dioxane      | 123-91-1   |

**New Jersey Right To Know**

|  |            |
|--|------------|
| propane-1,2-diol                                       | 57-55-6    |
| zinc oxide   | 1314-13-2  |
| Limestone  | 1317-65-3  |
| Titanium dioxide                                       | 13463-67-7 |
| Quartz (SiO <sub>2</sub> )                             | 14808-60-7 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 |

**California Prop. 65**

WARNING: This product can expose you to chemicals including ethylene oxide, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**The ingredients of this product are reported in the following inventories:**

DSL : All components of this product are on the Canadian DSL

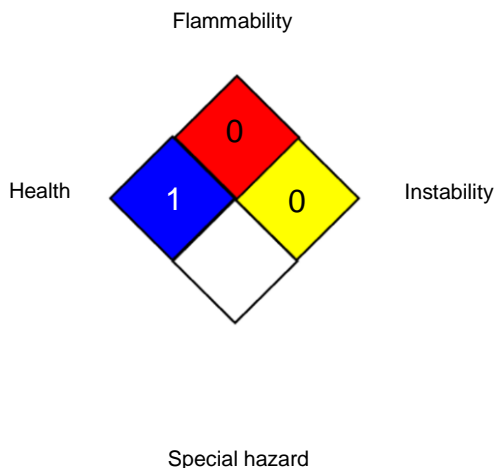
TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**SECTION 16. OTHER INFORMATION****Further information**

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**NFPA 704:**



**HMIS® IV:**

|                        |  |  |
|------------------------|--|--|
| <b>HEALTH</b>          |  |  |
| <b>FLAMMABILITY</b>    |  |  |
| <b>PHYSICAL HAZARD</b> |  |  |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

**Full text of other abbreviations**

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- 29 CFR 1910.1000 (Table Z-3) : OSHA Table Z-3 (Mineral Dusts) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
- 29 CFR 1910.1000 (Table Z-1-A) / STEL value : Short Term Exposure Limit (STEL):
- 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):
- 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit
- 29 CFR 1910.1000 (Table Z-3) / TWA value : Time Weighted Average (TWA):
- ACGIH / TWA : 8-hour, time-weighted average
- ACGIH / STEL : Short-term exposure limit
- ACGIHTLV / STEL value : Short Term Exposure Limit (STEL):
- ACGIHTLV / TWA value : Time Weighted Average (TWA):
- NIOSH / Ceil\_Time : Ceiling Limit Value and Time Period (if specified):
- NIOSH / REL value : Recommended exposure limit (REL):
- NIOSH / STEL value : Short Term Exposure Limit (STEL):

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| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST  | : | STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday    |
| NIOSH REL / C   | : | Ceiling value not be exceeded at any time.  |
| OSHA CARC / PEL | : | Permissible exposure limit (PEL)  |
| OSHA P0 / TWA   | : | 8-hour time weighted average  |
| OSHA P0 / STEL  | : | Short-term exposure limit   |
| OSHA Z-1 / TWA  | : | 8-hour time weighted average  |
| OSHA Z-3 / TWA  | : | 8-hour time weighted average  |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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