

# SAFETY DATA SHEET

## 1. Identification

|                                                        |                                                                                                                                              |  |  |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Product identifier                                     | Monterey Soil Simulator 10-0-0                                                                                                               |  |  |
| Other means of identification                          |                                                                                                                                              |  |  |
| Product code                                           | 45008                                                                                                                                        |  |  |
| Recommended use                                        | Turf- fertilizer                                                                                                                             |  |  |
| Recommended restrictions                               | Refer to product label.                                                                                                                      |  |  |
| Manufacturer/Importer/Supplier/Distributor information |                                                                                                                                              |  |  |
| Manufacturer                                           |                                                                                                                                              |  |  |
| Company name                                           | Lawn and Garden Products, Inc.                                                                                                               |  |  |
| Address                                                | PO Box 35000<br>Fresno, CA 93745                                                                                                             |  |  |
| Telephone                                              | 559-499-2100                                                                                                                                 |  |  |
| Website                                                | www.montereylawnngarden.com                                                                                                                  |  |  |
| E-mail                                                 | info@montereylawnngarden.com                                                                                                                 |  |  |
| Emergency phone number                                 | CHEMTREC (24 hours):<br>USA, Canada, Puerto Rico 1-800-424-9300<br>Virgin Islands 1-800-424-9300<br>International Maritime +1 (703) 527-3887 |  |  |

## 2. Hazard(s) identification

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Physical hazards                          | Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| Health hazards                            | Acute toxicity, oral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Category 4  |
|                                           | Skin corrosion/irritation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Category 1B |
|                                           | Serious eye damage/eye irritation                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Category 2A |
|                                           | Specific target organ toxicity, repeated exposure                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Category 2  |
| Environmental hazards                     | Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| OSHA defined hazards                      | Not classified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| Label elements                            |                                                                                                                                                                                                                                                                                                                                                                                                                             |             |
| Signal word                               | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| Hazard statement                          | Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.                                                                                                                                                                                                                                                                                                                                               |             |
| Precautionary statement                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |
| Prevention                                | Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.                                                                                                                                                                                                                                                                                                                     |             |
| Response                                  | If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. |             |
| Storage                                   | Store locked up.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| Disposal                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                                                                                                                                                                                                                                                                                                                                            |             |
| Hazard(s) not otherwise classified (HNOC) | None known.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |
| Supplemental information                  | None.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                            | Common name and synonyms | CAS number | %          |
|------------------------------------------|--------------------------|------------|------------|
| Nitric Acid Ammonium Calcium Salt        |                          | 15245-12-2 | 10 - < 20* |
| Urea Ammonium Nitrate                    |                          | 15978-77-5 | 10 - < 20* |
| Urea                                     |                          | 57-13-6    | 3 - < 5*   |
| Other components below reportable levels |                          |            | 60 - < 70  |

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                                                                                                                                            |
| <b>Skin contact</b>                                                           | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.                                                                                                   |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.                                                                                                                                |
| <b>Ingestion</b>                                                              | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.                                                                                                                                              |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Prolonged exposure may cause chronic effects.                                                                  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>                                                    | If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.                                                                             |

### 5. Fire-fighting measures

|                                                                      |                                                                                               |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| <b>Specific hazards arising from the chemical</b>                    | During fire, gases hazardous to health may be formed.                                         |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk.                                 |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| <b>General fire hazards</b>                                          | No unusual fire or explosion hazards noted.                                                   |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| <b>Methods and materials for containment and cleaning up</b>               | Should not be released into the environment.<br><br>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.                  |
| <b>Environmental precautions</b>                                           | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                   |

## 7. Handling and storage

|                                                                     |                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling</b>                                | Do not breathe mist/vapors. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).                                                                                                                                                                                                            |

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. Workplace Environmental Exposure Level (WEEL) Guides

| Components         | Type | Value    | Form               |
|--------------------|------|----------|--------------------|
| Urea (CAS 57-13-6) | TWA  | 10 mg/m3 | Total particulate. |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls** Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

|                                                |                 |
|------------------------------------------------|-----------------|
| <b>Appearance</b>                              | Liquid.         |
| <b>Physical state</b>                          | Liquid.         |
| <b>Form</b>                                    | Liquid.         |
| <b>Color</b>                                   | Dark brown      |
| <b>Odor</b>                                    | Slight.         |
| <b>Odor threshold</b>                          | Not available.  |
| <b>pH</b>                                      | 0.9             |
| <b>Melting point/freezing point</b>            | Not available.  |
| <b>Initial boiling point and boiling range</b> | Not available.  |
| <b>Flash point</b>                             | Not available.  |
| <b>Evaporation rate</b>                        | Not available.  |
| <b>Flammability (solid, gas)</b>               | Not applicable. |

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 0.00001 hPa estimated

|                                                |                       |
|------------------------------------------------|-----------------------|
| <b>Vapor density</b>                           | Not available.        |
| <b>Relative density</b>                        | 1.31 g/cm3 (typical)  |
| <b>Solubility(ies)</b>                         |                       |
| <b>Solubility (water)</b>                      | Not available.        |
| <b>Partition coefficient (n-octanol/water)</b> | Not available.        |
| <b>Auto-ignition temperature</b>               | Not available.        |
| <b>Decomposition temperature</b>               | Not available.        |
| <b>Viscosity</b>                               | Not available.        |
| <b>Other information</b>                       |                       |
| <b>Density</b>                                 | 1.42 g/cm3 estimated  |
| <b>Explosive properties</b>                    | Not explosive.        |
| <b>Oxidizing properties</b>                    | Not oxidizing.        |
| <b>Percent volatile</b>                        | 40.12 % estimated     |
| <b>Pounds per gallon</b>                       | 10.9 lb/gal (typical) |
| <b>Specific gravity</b>                        | 1.42 estimated        |
| <b>VOC</b>                                     | 1.97 % estimated      |

## 10. Stability and reactivity

|                                           |                                                                                                |
|-------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | Reacts violently with strong alkaline substances. This product may react with reducing agents. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                    |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                       |
| <b>Conditions to avoid</b>                | Contact with incompatible materials. Do not mix with other chemicals.                          |
| <b>Incompatible materials</b>             | Bases. Reducing agents.                                                                        |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                 |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes severe skin burns.                                                            |
| <b>Eye contact</b>  | Causes serious eye damage.                                                           |
| <b>Ingestion</b>    | Causes digestive tract burns. Harmful if swallowed.                                  |

|                                                                                     |                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Information on toxicological effects

|                       |                       |
|-----------------------|-----------------------|
| <b>Acute toxicity</b> | Harmful if swallowed. |
|-----------------------|-----------------------|

| <b>Product</b>                 | <b>Species</b> | <b>Test Results</b> |
|--------------------------------|----------------|---------------------|
| Monterey Soil Simulator 10-0-0 |                |                     |

#### Acute

#### **Oral**

|      |     |            |
|------|-----|------------|
| LD50 | Rat | 1128 mg/kg |
|------|-----|------------|

| <b>Components</b> | <b>Species</b> | <b>Test Results</b> |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Nitric Acid Ammonium Calcium Salt (CAS 15245-12-2)

#### Acute

#### **Dermal**

|      |     |              |
|------|-----|--------------|
| LD50 | Rat | > 2000 mg/kg |
|------|-----|--------------|

#### **Oral**

|      |     |           |
|------|-----|-----------|
| LD50 | Rat | 500 mg/kg |
|------|-----|-----------|

| Components                                                     | Species                                                                                                 | Test Results |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------|
| Urea (CAS 57-13-6)                                             |                                                                                                         |              |
| <u>Acute</u>                                                   |                                                                                                         |              |
| Oral                                                           |                                                                                                         |              |
| LD50                                                           | Rat                                                                                                     | 8471 mg/kg   |
| Skin corrosion/irritation                                      | Causes severe skin burns and eye damage.                                                                |              |
| Serious eye damage/eye irritation                              | Causes serious eye damage.                                                                              |              |
| Respiratory or skin sensitization                              |                                                                                                         |              |
| Respiratory sensitization                                      | Due to partial or complete lack of data the classification is not possible.                             |              |
| Skin sensitization                                             | Due to partial or complete lack of data the classification is not possible.                             |              |
| Germ cell mutagenicity                                         | Due to partial or complete lack of data the classification is not possible.                             |              |
| Carcinogenicity                                                | Due to partial or complete lack of data the classification is not possible.                             |              |
| IARC Monographs. Overall Evaluation of Carcinogenicity         |                                                                                                         |              |
| Not listed.                                                    |                                                                                                         |              |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) |                                                                                                         |              |
| Not listed.                                                    |                                                                                                         |              |
| US. National Toxicology Program (NTP) Report on Carcinogens    |                                                                                                         |              |
| Not listed.                                                    |                                                                                                         |              |
| Reproductive toxicity                                          | Due to partial or complete lack of data the classification is not possible.                             |              |
| Specific target organ toxicity - single exposure               | Due to partial or complete lack of data the classification is not possible.                             |              |
| Specific target organ toxicity - repeated exposure             | May cause damage to organs through prolonged or repeated exposure.                                      |              |
| Aspiration hazard                                              | Due to partial or complete lack of data the classification is not possible.                             |              |
| Chronic effects                                                | Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure. |              |

## 12. Ecological information

**Ecotoxicity** Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

| Product                        |      | Species | Test Results               |
|--------------------------------|------|---------|----------------------------|
| Monterey Soil Simulator 10-0-0 |      |         |                            |
| Aquatic                        |      |         |                            |
| Crustacea                      | EC50 | Daphnia | 147485.2969 mg/l, 48 hours |
| Fish                           | LC50 | Fish    | 134835.8438 mg/l, 96 hours |
| Components                     |      | Species | Test Results               |

|                    |      |                                                   |                              |
|--------------------|------|---------------------------------------------------|------------------------------|
| Urea (CAS 57-13-6) |      |                                                   |                              |
| <b>Aquatic</b>     |      |                                                   |                              |
| Crustacea          | EC50 | Water flea (Daphnia magna)                        | 3910 mg/l, 48 hours          |
| Fish               | LC50 | Carp (Leuciscus idus melanotus)                   | > 10000 mg/l, 48 hours       |
|                    |      | Guppy (Poecilia reticulata)                       | 16200 - 18300 mg/l, 96 hours |
|                    |      | Harlequinfish, red rasbora (Rasbora heteromorpha) | 12000 mg/l, 96 hours         |
|                    |      | Mozambique tilapia (Tilapia mossambica)           | 590 - 730 mg/l, 96 hours     |

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

Urea -2.11

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

|                                              |                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                                                                                                                                                   |
| <b>Hazardous waste code</b>                  | D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                                                               |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                                                                                                                         |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                               |

### 14. Transport information

#### DOT

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1760                                                                  |
| <b>UN proper shipping name</b>      | Corrosive liquids, n.o.s. (Nitric Acid Ammonium Calcium Salt)           |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 8                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Label(s)</b>                     | 8                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | B2, IB2, T11, TP2, TP27                                                 |
| <b>Packaging exceptions</b>         | 154                                                                     |
| <b>Packaging non bulk</b>           | 202                                                                     |
| <b>Packaging bulk</b>               | 242                                                                     |

#### IATA

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1760                                                                  |
| <b>UN proper shipping name</b>      | Corrosive liquids, n.o.s. (Nitric Acid Ammonium Calcium Salt)           |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 8                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Label(s)</b>                     | 8                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        | No.                                                                     |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

#### IMDG

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1760                                                                  |
| <b>UN proper shipping name</b>      | Corrosive liquids, n.o.s. (Nitric Acid Ammonium Calcium Salt)           |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 8                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Label(s)</b>                     | 8                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | No.                                                                     |
| <b>EmS</b>                          | Not available.                                                          |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |



## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA)

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

Yes

##### Classified hazard categories

Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)

#### SARA 313 (TRI reporting)

Not regulated.

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

#### Safe Drinking Water Act (SDWA)

Not regulated.

### US state regulations

#### California Proposition 65



WARNING: This product can expose you to chemicals including arsenic, cadmium, and lead, which 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).

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | No                     |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 12-23-2019

**Revision date** 12-30-2019

**Version #** 02

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of Manufacturer's knowledge, information and belief at the date of its publication; however, it is provided only as a guidance for safe handling, use, processing, storage, transportation, disposal and release of the Product. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made with respect to the Product or the information provided herein, or that the Product or information herein may be used without infringing the intellectual property rights of others. The information provided in this Safety Data Sheet relates only to the specific Product designated and may not be valid if the Product is used in combination with other materials or in any other process, unless specified herein. The user assumes all risk and liability for loss, injury, damage or expense due to any use, handling, storage or disposal of the Product, and Manufacturer recommends that the user conducts its own tests of the Product to determine suitability of the Product for user's particular use.

### Revision information

Product and Company Identification: Product and Company Identification  
Ecological Information: Ecotoxicity