

# SAFETY DATA SHEET

## SD DISINFECTING CLEANER

### 1. Product and Company Identification

**Product Code:** 4941  
**Product Name:** SD DISINFECTING CLEANER  
**Revision:** 03/21/2021  
**Supersedes Revision:** 04/27/2015

**Manufacturer Information:**

**Company Name:** Native Green LLC  
 180 A Engelwood Dr  
**Phone Number:** (888)456-6444

Orion, MI 48359

**Web site address:** nativegreenproducts.com

**Emergency Contact:** Chemtrec 24 Hour (800) 424-9300  
 Spill, Leak, Fire, Exposure, or Accident

### 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Skin Corrosion/Irritation, Category 2**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
 H314 - Causes skin irritation  
 H318 - Causes serious eye damage.

**GHS Precautionary Phrases:** P264 - Wash hands thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P280 - Wear protective gloves/eye protection.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P321 - Specific treatment see section 4 on this label.  
 P330 - Rinse mouth.  
 P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:** P405 - Store locked up.  
 P501 - Dispose of contents/container in accordance with all national, state and local regulations.

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### Potential Health Effects (Acute and Chronic):

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. |
| <b>Skin Contact:</b> | Causes skin burns.  |
| <b>Eye Contact:</b>  | Causes eye burns.   |
| <b>Ingestion:</b>    | Harmful if swallowed. Causes burns.   |

### 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name)                                 | Concentration |
|------------|--|---------------|
| 68391-01-5 | Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides | 10.85 %       |
| 64-02-8    | Ethylenediamine tetraacetic acid, tetrasodium salt                   | 1.0 -5.0 %    |
| 6834-92-0  | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt       | ~ 1.0 %       |
| 64-17-5    | Ethyl alcohol {Ethanol}  | 1.0 -1.5 %    |

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

|                                 |  |
|---------------------------------|--|
| <b>In Case of Inhalation:</b>   | If breathed in, move person into fresh air.  |
| <b>In Case of Skin Contact:</b> | Wash off with soap and plenty of water. Take off contaminated clothing and shoes immediately. Get medical aid if irritation develops and persists. |
| <b>In Case of Eye Contact:</b>  | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.   |
| <b>In Case of Ingestion:</b>    | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Do NOT induce vomiting.                        |

### 5. Fire Fighting Measures

|  |   |                       |
|--|---|-----------------------|
| <b>Flash Pt:</b>                         | NA  | Method Used: Estimate |
| <b>Explosive Limits:</b>                 | LEL: No data.   | UEL: No data.         |
| <b>Autoignition Pt:</b>                  | NA  |                       |
| <b>Suitable Extinguishing Media:</b>     | Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |                       |
| <b>Fire Fighting Instructions:</b>       | Wear self contained breathing apparatus for fire fighting if necessary. Further information. The product itself does not burn. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |                       |
| <b>Flammable Properties and Hazards:</b> | Carbon oxides, nitrogen oxides (NO <sub>x</sub> ), Sodium oxides.   |                       |

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### 6. Accidental Release Measures

|   |  |
|---|--|
| <b>Protective Precautions, Protective Equipment and Emergency Procedures:</b> | Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8. Vapours can accumulate in low areas.   |
| <b>Environmental Precautions:</b>   | Do not let product enter drains. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Prevent further leakage or spillage if safe to do so. |
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>             | <p>Personal precautions.</p> <p>Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.</p> <p>Environmental precautions.</p> <p>Do not let product enter drains.</p>  |

### 7. Handling and Storage

|   |  |
|---|--|
| <b>Precautions To Be Taken in Handling:</b> | Avoid contact with skin and eyes. Avoid formation of dust and aerosols. For precautions see section 2. Avoid inhalation of vapor or mist. No special handling procedures are required. |
| <b>Precautions To Be Taken in Storing:</b>  | Keep container tightly closed in a dry and well-ventilated place.  |

### 8. Exposure Controls/Personal Protection

| CAS #      | Partial Chemical Name   | OSHA TWA      | ACGIH TWA                       | Other Limits |
|------------|---|---------------|---------------------------------|--------------|
| 68391-01-5 | Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides | No data.      | No data.                        | No data.     |
| 64-02-8    | Ethylenediamine tetraacetic acid, tetrasodium salt                    | No data.      | No data.                        | No data.     |
| 6834-92-0  | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt        | No data.      | No data.                        | No data.     |
| 64-17-5    | Ethyl alcohol {Ethanol}   | PEL: 1000 ppm | TLV: 1000 ppm<br>STEL: 1000 ppm | No data.     |

|   |   |
|---|---|
| <b>Respiratory Equipment (Specify Type):</b>    | Respirator protection is not normally required.   |
| <b>Eye Protection:</b>                          | Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| <b>Protective Gloves:</b>                       | Handle with gloves.   |
| <b>Other Protective Clothing:</b>               | Protective garments not normally required.  |
| <b>Engineering Controls (Ventilation etc.):</b> | There are no special ventilation requirements.  |
| <b>Work/Hygienic/Maintenance Practices:</b>     | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.                    |
| <b>Environmental Exposure Controls:</b>         | Do not let product enter drains. Prevent further leakage or spillage if safe to do so.  |

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### 9. Physical and Chemical Properties

|   |  |               |
|---|--|---------------|
| <b>Physical States:</b>                   | [ ] Gas    [ X ] Liquid    [ ] Solid   |               |
| <b>Appearance and Odor:</b>               | Clear, dark green liquid<br>Mint odor. |               |
| <b>Melting Point:</b>                     | NA - 1.00 C                            |               |
| <b>Boiling Point:</b>                     | NA - 100.00 C                          |               |
| <b>Autoignition Pt:</b>                   | NA                                     |               |
| <b>Flash Pt:</b>                          | NA    Method Used: Estimate            |               |
| <b>Explosive Limits:</b>                  | LEL: No data.                          | UEL: No data. |
| <b>Specific Gravity (Water = 1):</b>      | ~ 1.05                                 |               |
| <b>Vapor Pressure (vs. Air or mm Hg):</b> | No data.                               |               |
| <b>Vapor Density (vs. Air = 1):</b>       | No data.                               |               |
| <b>Evaporation Rate:</b>                  | No data.                               |               |
| <b>Solubility in Water:</b>               | Complete                               |               |
| <b>Viscosity:</b>                         | Thin                                   |               |
| <b>pH:</b>                                | ~ 10.5 - 12                            |               |

### 10. Stability and Reactivity

|   |  |
|---|--|
| <b>Stability:</b>                                 | Unstable [ ]    Stable [ X ]   |
| <b>Conditions To Avoid - Instability:</b>         | Heat, Extremes of temperature and direct sunlight.   |
| <b>Incompatibility - Materials To Avoid:</b>      | Incompatible with alkalies, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. Lead. Tin/tin oxides, Zinc, Oxidizing agents, Alkali metals, Strong acids. Ammonia, Peroxides. |
| <b>Hazardous Decomposition or Byproducts:</b>     | Other decomposition products: In the event of fire: see section 5. formed under fire conditions. Sodium oxides, silicon oxides.  |
| <b>Possibility of Hazardous Reactions:</b>        | Will occur [ ]    Will not occur [ X ]   |
| <b>Conditions To Avoid - Hazardous Reactions:</b> | No data available.   |

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### 11. Toxicological Information

**Toxicological Information:** No data available.

**Sensitization:** No data available.

| CAS #      | Hazardous Components (Chemical Name)                                 | NTP  | IARC | ACGIH | OSHA |
|------------|--|------|------|-------|------|
| 68391-01-5 | Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides | n.a. | n.a. | n.a.  | n.a. |
| 64-02-8    | Ethylenediamine tetraacetic acid, tetrasodium salt                   | n.a. | n.a. | n.a.  | n.a. |
| 6834-92-0  | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt       | n.a. | n.a. | n.a.  | n.a. |
| 64-17-5    | Ethyl alcohol {Ethanol}  | n.a. | 1    | A4    | n.a. |

### 12. Ecological Information

No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Product.  
 Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.  
 Contaminated packaging. Observe all federal, state, and local environmental regulations. Dispose of as unused product. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
 Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
 RCRA P-Series: None listed.  
 RCRA U-Series: None listed.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Disinfectants, liquid, corrosive n.o.s.  
 (May be shipped as Disinfectants, liquid, corrosive n.o.s.  
 Limited Quantity for shipments of less than 5 liters per container)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN1903

**Packing Group:** III



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### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

| CAS #      | Hazardous Components (Chemical Name)                                 | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|--|--------------|-----------|--------------|
| 68391-01-5 | Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides | No           | No        | No           |
| 64-02-8    | Ethylenediamine tetraacetic acid, tetrasodium salt                   | No           | No        | No           |
| 6834-92-0  | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt       | No           | No        | No           |
| 64-17-5    | Ethyl alcohol {Ethanol}  | No           | No        | No           |

| CAS #      | Hazardous Components (Chemical Name)                                 | Other US EPA or State Lists   |
|------------|--|---|
| 68391-01-5 | Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 64-02-8    | Ethylenediamine tetraacetic acid, tetrasodium salt                   | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 6834-92-0  | Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt       | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
| 64-17-5    | Ethyl alcohol {Ethanol}  | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |

### 16. Other Information

**Revision Date:** 08/21/2019  
**Preparer Name:** Regulatory Affairs

**Hazard Rating System:**

|              |   |
|--------------|---|
| HEALTH       | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY   | 1 |
| PPE          | B |

**HMIS:**

**Additional Information About This Product:**

**Company Policy or Disclaimer:**

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.