

# SAFETY DATA SHEET

## NG#12 SD Food Service Sanitizer

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

DATE: 01/11/2015 / Supersedes Revision: n/a

**Manufacturer/Distributor:**

Native Green  
2110 East Walton Blvd., Suite 200  
Auburn Hills, MI 48326  
Phone: (888) 456-6444  
Website: www.nativegreen.com

**EMERGENCY CONTACT:** Chemtrec, Reference CCN203605

Phone: (800) 424-9300 (collect calls accepted) / International: (703) 527-3887

**Product Name:** NG#12 SD Food Service Sanitizer

**ID Code:** 4940

**Product Category:** Sanitizer

### SECTION 2: HAZARD(S) IDENTIFICATION

**Serious Eye Damage/Eye Irritation, Category 2A**  
**Skin Corrosion/Irritation, Category 1B**



**GHS Signal Word:** DANGER

**GHS Hazard Phrases:**

H314 - Causes severe skin burns and eye damage.

H319 - Causes serious eye irritation.

**GHS Precaution Phrases:**

P233 - Keep container tightly closed.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/eye protection.

**GHS Response Phrases:**

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

P337+313 - If eye irritation persists, get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

**GHS Storage and Disposal Phrases:**

P403+235 - Store in cool/well-ventilated place.

P405 - Store locked up.

P501 - Dispose of contents/container to trash after rinsing.

**Hazard Rating System:**

**HMS**

**Health: 1**

**Flammability: 0**

**Physical: 0**

**PPE: B**

**Potential Health Effects (Acute and Chronic):** Adverse reproductive effects have been reported in animals. Prolonged or repeated skin contact may cause defatting and dermatitis. May cause anemia and other blood cell abnormalities.

Chronic: None. Prolonged or repeated exposure may cause nausea, dizziness, and headache. May cause kidney damage.

**Inhalation:** No hazard expected in normal industrial use. Causes irritation of the mucous membrane and upper respiratory tract. Harmful if inhaled. May cause respiratory tract irritation.

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**Skin Contact:** Causes skin irritation. Causes redness and pain. Ingestion can cause burning pain in mouth, throat and abdomen - May be fatal if ingested.

**Eye Contact:** Causes eye irritation. Causes redness and pain. Lachrymator (substance which increases the flow of tears).

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. May cause irritation of the digestive tract. May be harmful if swallowed.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68131-39-5	Ethoxylated linear alcohol	2.0 -6.0 %
68391-01-5	Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	12.5 %
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	1.0 -5.0 %
64-17-5	Ethyl alcohol {Ethanol}	1.0 -2.0 %

### SECTION 4: FIRST-AID MEASURES

#### Emergency and First Aid Procedures:

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

**Note to Physician:** None known.

### SECTION 5: FIRE-FIGHTING MEASURES

**Flash Point:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:** NP

**Suitable Extinguishing Media:** Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Containers may explode in the heat of a fire. May form explosive peroxides. Vapors may be heavier than air.

**Flammable Properties and Hazards:**

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment.

### SECTION 7: HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Do not ingest or inhale.

**Precautions To Be Taken in Storing:** Store in a cool, dry place. Keep away from acids.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68131-39-5	Ethoxylated linear alcohol			
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides			
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt			
64-17-5	Ethyl alcohol {Ethanol}	PEL: 1000 ppm	TLV: 1000 ppm	

**Respiratory Equipment (Specify Type):** Respirator protection is not normally required. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

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**Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Protective garments not normally required.

**Engineering Controls (Ventilation etc.):** There are no special ventilation requirements. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Chemical odor.

Clear yellow liquid

**Freezing Point:** NA

**Boiling Point:** NA

**Autoignition Pt:** NA

**Flash Pt:** NP Method Used: Estimate

**Explosive Limits:** LEL: UEL:

**Specific Gravity (Water = 1):** 1.028 - 1.049 at 25.0 C

**Vapor Pressure (vs. Air or mm Hg):**

**Vapor Density (vs. Air = 1):**

**Evaporation Rate:** > 1 (H<sub>2</sub>O=1)

**Solubility in Water:** Complete

**Viscosity:** thin

**pH:** 10.7

**Percent Volatile:** < 89.0 % by weight.

**VOC / Volume:** 0.0000 G/L

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Incompatible materials.

**Incompatibility – Materials To Avoid:** Strong acids.

**Hazardous Decomposition Or Byproducts:** Carbon monoxide, irritating and toxic fumes and gases, Carbon dioxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid -Hazardous Reactions:**

### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No data available. Teratogenicity: No data available. Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found. Teratogenicity: Teratogenic effects have occurred in experimental animals.

**Carcinogenicity/Other Information:** CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 95-63-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 68131-39-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 92-71-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1806-34-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 497-19-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68131-39-5	Ethoxylated linear alcohol	n.a.	n.a.	n.a.	n.a.
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.
64-17-5	Ethyl alcohol {Ethanol}	n.a.	1	A4	n.a.

### SECTION 12: ECOLOGICAL INFORMATION

**General Ecological Information:** Environmental: Bioconcentration in aquatic organisms is moderate to high based on BCF values of 31-275, measured in carp. 1,2,4-Trimethylbenzene is expected to photodegrade in natural waters. If released to the atmosphere, 1,2,4-trimethylbenzene will exist solely in the vapor phase in the ambient atmosphere. Vapor-phase 1,2,4-trimethylbenzene is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals and nitrate radicals with half-lives of about 12 hours and 6-30 days, respectively. Physical: No information available. Not regulated under U.S. Department of Transportation regulations (29 CFR)

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### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** 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.

### SECTION 14: TRANSPORTATION INFORMATION (DOT/UN CLASSIFICATION)

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Disinfectants, Liquid, Corrosive, N.O.S., (contains Alkyl Benzylammonium Chloride)

**DOT Hazard Class:** 8 CORROSIVE

**UN/NA Number:** UN1903

**Packing Group:** III



### SECTION 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)
68131-39-5	Ethoxylated linear alcohol	No	No	No
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
64-17-5	Ethyl alcohol {Ethanol}	No	No	No

CAS #	Hazardous Components (Chemical Name)
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68131-39-5	Ethoxylated linear alcohol
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64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt

64-17-5	Ethyl alcohol {Ethanol}
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**Other US EPA or State Lists**

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No  
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CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

### SECTION 16: OTHER INFORMATION

**Revision Date:** 01/11/2015

**Preparer Name:** Regulatory Affairs

**Additional Information About This Product:**

EPA Registration Number: 1839-80-85898

EPA Establishment Number: 58880-GA-001

**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.