



# Safety Data Sheet

## G-133 Neutra Clean

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	G-133 Neutra Clean
<b>Other Means of Identification</b>	G-133
<b>Other Identification</b>	G-133
<b>Product Family</b>	Disinfectant
<b>Recommended Use</b>	Quaternary Neutral pH Disinfectant.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Griffin Brothers Chemical, 3033 Industrial Way NE, Salem, Oregon, 97303, 800-456-4743
<b>Emergency Phone No.</b>	CHEMTREC, 800-424-9300, Available 24 hours.
<b>SDS No.</b>	0060

### SECTION 2. HAZARD IDENTIFICATION

Classified according to the US Hazard Communication Standard (HCS 2012).

#### Classification

Flammable liquid - Category 3; Acute toxicity (Oral) - Category 3; Acute toxicity (Inhalation) - Category 2; Skin corrosion - Category 1; Serious eye damage - Category 1; Specific target organ toxicity (single exposure) - Category 2; Aquatic hazard (Acute) - Category 1; Aquatic hazard (Chronic) - Category 1

#### Label Elements



Danger

Combustible liquid.

Harmful if swallowed, in contact with skin or if inhaled.

Causes severe skin burns and eye damage.

May cause damage to organs.

Very toxic to aquatic life with long lasting effects.

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting/equipment.

Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Wear protective gloves/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

Do NOT induce vomiting.

Rinse mouth.

If skin irritation occurs: Get medical advice or attention.

If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

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Protect from sunlight. Store in a well-ventilated place.

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

#### Other Hazards

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Water	7732-18-5	69 to 74	
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	68424-85-1	18 to 25	
Tetrasodium ethylenediaminetetraacetate	64-02-8	3 to 7	

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Take precautions to ensure your own safety before attempting rescue (e.g. wear appropriate protective equipment). Remove source of exposure or move to fresh air. Immediately call a Poison Centre or doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Contact doctor immediately.

##### Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Avoid direct contact. Wear chemical protective clothing, if necessary. Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs, get medical advice or attention. Wash contaminated clothing before re-use. Contact a doctor immediately.

##### Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for at least 30 minutes, while holding the eyelid(s) open. Contact doctor immediately.

##### Ingestion

Immediately call a Poison Centre or doctor. Rinse mouth with water. Do not induce vomiting.

##### First-aid Comments

Immediately contact a doctor or emergency response staff.

#### Most Important Symptoms and Effects, Acute and Delayed

None known.

#### Immediate Medical Attention and Special Treatment

##### Target Organs

Eyes, skin.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

##### Unsuitable Extinguishing Media

Do not use a water jet as it may spread the fire.

#### Specific Hazards Arising from the Product

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Can be ignited by static discharge. May travel a considerable distance to a source of ignition and flash back to a leak or open container. Heating increases the release of toxic vapour.

#### Special Protective Equipment and Precautions for Fire-fighters

Fight fire from a safe distance or a protected location. Before entry, especially into confined areas, use an appropriate monitor to check for: toxic gases or vapours, sufficient oxygen. Firefighters should wear full protective clothing and breathing apparatus.

Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel.

### Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway. If the spill is inside a building, prevent product from entering drains, ventilation systems and confined areas. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Place used absorbent into suitable, covered, labelled containers for disposal. Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labelled containers. Flush area with water.

Contaminated absorbent material may pose the same hazards as the spilled product.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

When handling concentrated product: do not breathe in this product. Prevent all skin contact. Prevent skin contact. Do not get in eyes. Do not swallow. Only use where there is adequate ventilation. Avoid generating vapours or mists.

### Conditions for Safe Storage

Store in an area that is: cool, dry, well-ventilated, out of direct sunlight and away from heat and ignition sources, secure and separate from work areas.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL		AIHA® WEEL®	
	TWA	STEL [C]	TWA	Ceiling	8-hr TWA	Short-term TWA [C]
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides		1000 ppm	1000 ppm	1900 mg/m3		

### Appropriate Engineering Controls

Do not allow product to accumulate in the air in work or storage areas, or in confined spaces. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Provide eyewash in work area, if contact or splash hazard exists.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable personal protective equipment. Avoid contact with skin and eyes. Chemical safety goggles should be used.

#### Respiratory Protection

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If engineering controls and work practices are not effective in controlling inhalation exposure then wear suitable personal protective equipment including approved respiratory protection. If engineering controls and work practices are not effective in controlling inhalation exposure then wear suitable personal protective equipment including approved respiratory protection.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Clear yellow - green liquid. Particle Size: Not applicable
<b>Odour</b>	Citrus
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	212 °F
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

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None known.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

None known.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure**

Eye contact; ingestion; skin contact.

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides	0.054-0.51 mg/kg (rabbit)	50-500 mg/kg (rat)	> 2000 mg/kg (rabbit)

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

Causes severe skin burns and eye damage.

**Serious Eye Damage/Irritation**

Causes serious eye damage.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

May cause damage to organs based on limited evidence.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity**

**Development of Offspring**

This product is not expected to cause reproductive or developmental effects.

**Sexual Function and Fertility**

Not known to cause effects on sexual function or fertility.

**Effects on or via Lactation**

Not known to cause effects on or via lactation.

**Germ Cell Mutagenicity**

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Not known to be a mutagen.

#### **Interactive Effects**

No information was located.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Quaternary ammonium compounds, benzyl-C12-C16-alkyldimethyl, chlorides:

Very toxic to aquatic life with long lasting effects.

Tetrasodium ethylenediaminetetraacetate:

No information was located.

### **Persistence and Degradability**

Readily biodegradeable.

No ingredient of this product or its degradation products is known to be highly persistent.

### **Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

### **Mobility in Soil**

Studies are not 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.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

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

## **SECTION 14. TRANSPORT INFORMATION**

Not regulated under US DOT Regulations.

**Environmental Hazards** Not applicable

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **SECTION 15. REGULATORY INFORMATION**

### **Safety, Health and Environmental Regulations**

#### **USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory.

## **SECTION 16. OTHER INFORMATION**

**SDS Prepared By** Ryan Kelly

**Phone No.** 800-456-4743

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**Date of Last Revision** May 02, 2016

**Revision Indicators** The following SDS content was changed on May 02, 2016:

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