

# Top-Kleen™

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Top- Kleen Self-Rising Evaporator Coil Cleaner  
**Catalog Number:** TP-8-G  
**Manufactured for:** Tradewinds Distributing, LLC  
**Manufactured by:** DiversiTech Corporation  
6650 Sugarloaf Parkway  
Duluth, GA, 30097  
**Information Phone No.:** 1+678.542.3600  
**EMERGENCY Phone No.:** 1 800.255.3924 Chem-Tel (Chemical Emergencies)  
**PREPARED BY:** V. Leone

## SECTION 2. HAZARDOUS INGREDIENTS INFORMATION

### GHS Classification:

Skin Irritation Category 2  
Eye Irritation Category 2A

### Label Elements:



**Signal Word** Warning!

### Hazard Statement(s)

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

### Precautionary Statement(s)

P102 Keep out of reach of children.  
P103 Read label before use.  
P264 Wash thoroughly after handling.  
P280 P280 Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.  
P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + 313 If skin irritation occurs: Get medical attention.  
P362 + 364 Take off contaminated clothing and wash it before reuse.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313 If eye irritation persists: Get medical attention.

## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Water	7732-18-5	231-791-2	60-80	Not classified	
Sodium silicate	1344-09-8	215-687-4	< 1	H314: Causes severe Skin burns and eye damage H335: May cause respiratory irrit.	Category 1B Category 3
2-Butoxyethanol	111-76-2	203-905-0	1-5	H302: Harmful if	Category 4

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## SECTION 3. HAZARDOUS INGREDIENTS INFORMATION (cont.)

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
				swallowed H312: Harmful in contact with skin H315: Causes skin irri. H319: Causes serious eye irritation H332: Harmful if inhaled	Category 4  Category 2 Category 2A  Category 4
Tetrasodium EDTA	64-02-8	200-573-9	< 1	H302: Harmful if swallowed H318: Causes serious eye damage	Category 4  Category 1

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**Ingestion:** DO NOT INDUCE VOMITING! Give large quantities of water if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin Contact:** Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

### 4.2. Signs and Symptoms of Exposure:

**Inhalation:** Effects from inhalation of mists and vapors vary from mild to moderate irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapors may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

**Ingestion:** Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

**Skin Contact:** Frequent or prolonged contact may cause irritation.

**Eye Contact:** May cause pain and moderate irritation of eyes.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the product.

## SECTION 5. FIREFIGHTING MEASURES

### Suitable and Unsuitable Extinguishing Media:

This product is not flammable. Use dry chemical, carbon dioxide, foam or other media suitable for the primary source of the fire.

### Special Equipment and Precautions for Fire –Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool fire-exposed containers with a water spray.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up

**Methods and Material for Containment and Clean-Up:** Contain and absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

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## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product.

## SECTION 8. EXPOSURE CONTROLS /PERSONAL PROTECTION

### Airborne Exposure Limits:

#### 2-butoxyethanol:

OSHA Permissible Exposure Limit (PEL): 50ppm (skin)

ACGIH Threshold Limit Value (TLV): 20ppm

### Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**Personal Respirators:** Not required for normal use in accordance with label directions.

**Skin Protection:** Use rubber, neoprene or nitrile gloves to minimize skin contact.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.

**Work Hygienic Practices:** Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear green liquid
<b>Odor:</b>	Mild glycol ether
<b>Odor Threshold:</b>	Not established
<b>pH @ 25°C:</b>	11
<b>Melting Point (Pour Point):</b>	Not established
<b>Boiling Point :</b>	>220°F
<b>Flash Point:</b>	None
<b>Evaporation Rate (Water = 1) :</b>	>1
<b>Flammable Limits:</b>	Not available
<b>LEL:</b>	
<b>UEL:</b>	
<b>Vapor pressure (mm Hg):</b>	Same as water
<b>Vapor Density (Air = 1):</b>	Same as water
<b>Specific gravity (H2O = 1):</b>	1.020
<b>Solubility in water:</b>	Water miscible
<b>Octanol/Water Partition Coefficient:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under ordinary conditions of use and storage.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Incompatibles.

**Incompatible Materials:** Avoid contact with strong oxidizing agents, strong alkalis and strong acids.

**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide, Hydrogen sulfide, Sulfur Dioxide.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Potential Health Effects:

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**Ingestion:** Swallowing can cause gastro-intestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

**Skin Contact:** Frequent or prolonged contact may cause irritation.

**Eye Contact:** May cause pain and moderate irritation of eyes.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the product.

**Carcinogenic effects:** Not classified

**Teratogenicity/Reproductive toxicity:** Not classified

**Mutagenic effects:** Not classified

**Numerical Measures of Toxicity:** Not available

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity: Sodium hydroxide: Fish:** Carp: 180ppm (LC100); 24H;

**Aquatic:** Not available.

**Persistence and Degradability:** Biodegradable.

**Bioaccumulative Potential:** No bioaccumulation potential based on available literature.

**Mobility in Soil:** Final destination of reacted products is water. Readily adsorbed into soil.

**Other Adverse Effects:** None known

**Other:** For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

## SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of spill-clean up and other wastes in accordance with Federal, State, and local regulations. Whatever cannot be saved by recovery should be managed in an appropriate and approved waste facility. Although not a listed RCRA hazardous waste, this material may exhibit one or more characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. Processing, use or contamination of this product may change the waste management options. Empty containers of this material, properly rinsed with water, pose no disposal hazard and may be recycled. State and local disposal regulations may differ from federal disposal regulations.

## SECTION 14. TRANSPORTATION INFORMATION

**US DOT:** Not classified as a shipping hazard

**International (Water, I.M.O.):** Not a classified shipping hazard

**DOT Proper Shipping Name:** Compound Cleaning Liquid, N.O.I.

**DOT Hazard Class:** None

**UN Number:** None

**Packing Group:** None

**Limited Quantity:** No

**Marine Pollutant:** No

**ADR/RID Class:** None

**ADR/RID Packing Group:** None

**IMDG Hazard Class:** None

**IMDG Packing Group:** None

**ADNR Class:** None

**ADNR Item:** None

**IATA Hazard Class:** None

**IATA Packing Group:** None

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable

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## SECTION 15. REGULATORY INFORMATION

### Federal, State & International Regulations

#### U.S. REGULATIONS:

##### US EPA:

#### Comprehensive Environmental Response Compensation and Liability

**Act of 1980 (CERCLA)** requires notification of the National Response Center of release quantities of Hazardous Substances is not required for this material.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)** Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (used for SARA 302, 304, 311, and 312) is not required for quantities below 250 pounds.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)** Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This material is not subject to reporting requirements.

**Toxic Substances Control Act (TSCA)** Status: The ingredients of this product are on the TSCA inventory.

#### State Right to Know

##### California Proposition 65: Not subject to reporting requirements under Prop 65

**Massachusetts:** Hazardous substances and extraordinarily hazardous substances must be identified. **Pennsylvania:** Hazardous substances must be identified.

**California SCAQMD Rule 443.1 (VOC's):** <2%

**Chemical Weapons Convention:** No

**TSCA 12(b):** No **CDTA:** No

**SARA 311/312:** Acute: Yes Chronic: Yes Fire: No Pressure: No Reactivity: Yes (Mixture / Liquid)

**Australian Hazchem Code:** 2R

**Poison Schedule:** S6

#### WHMIS:

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

**CANADA INVENTORY (DSL/NDSL):** All components of this product are listed on the DSL.

## SECTION 16. OTHER INFORMATION:

**Revision Summary:** All Sections: New GHS Format

**SDS Date Revised:**10/09/2015

#### HMIS III Ratings

##### HMIS III®

Health	1
Flamability	0
Physical Hazard	0
Personal Protection	B

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