

## SAFETY DATA SHEET

<b>TEC-CIDE 128</b>	<i>SDS Number: HQ-714</i>	<i>Revision Date: 09/12/2019</i>
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**1. PRODUCT AND COMPANY IDENTIFICATION:**

Product Name: TEC-CIDE 128  
 Product Code: HQ-714  
 Product Use: Waterborne Disinfectant Cleaner  
 Synonyms: Neutral pH Disinfectant  
 Chemical Formula: Mixture of substances listed below with nonhazardous additions  
 Restrictions: Institutional, Commercial, Retail and Industrial Use Only



Manufacturer: Surtec, Inc.  
 1880 N. MacArthur Dr  
 Tracy, CA 95376  
 209.820.3700  
 Toll Free 800.877.6330

**Emergency contact: Chemtrec 800.424.9300**  
 CCN No. 21541

**2. HAZARD IDENTIFICATION:**

GHS CLASSIFICATION:

<u>HEALTH</u>	<u>ENVIRONMENTAL</u>	<u>PHYSICAL</u>
<p><i>Acute toxicity: Category 4 (Oral)</i>  <i>Serious Eye Damage: Category 1</i>  <i>Skin Corrosion: Category 1</i></p>	<p><i>Acute Toxicity: None Known</i>  <i>Chronic Toxicity: None Known</i></p>	
	<p><u>Signal Word:</u>  <b>Danger</b></p>	
<p><u>Hazard Statements</u>                      Causes severe skin burns and eye damage                      Harmful if swallowed</p>		
<p><u>Precautionary Statements</u>                      Wear protective gloves/protective clothing/eye protection/face protection                      Wash skin thoroughly after handling.</p> <p>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 or Physician.                      IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water for several minutes. Immediately call a Poison Center or Physician. Wash contaminated clothing before reuse.                      IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or Physician.                      IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a Poison Center or Physician.</p> <p>Store locked up in a closed, original container in a well ventilated area.                      Dispose of contents/container in accordance with local regulation.</p>		

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT	CAS NO.	PERCENT	HAZARDOUS
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	4 - 6%	YES
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES	68424-85-1	2 - 4 %	YES
N,N-DIMETHYLOCTYLAMINE-N-OXIDE	2605-78-9	2 - 3%	YES
TETRASODIUM ETHYLENEDIAMINETETRAACETATE	64-02-8	1 - 5%	YES
ETHANOL	64-17-5	1 - 5%	YES
ETHYLENEDIAMINE TETRAACETIC ACID	60-00-4	0.1 -0.5%	YES
Exact Percentages are being withheld as trade secret information.			

### 4. FIRST-AID MEASURES:

**Eye Contact:** Rinse immediately with plenty of water, also under eyelids, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or Physician.

**Skin Contact:** Remove immediately all contaminated clothing. Rinse skin with water for several minutes. Immediately call a Poison Center or Physician. Wash contaminated clothing before reuse.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Give oxygen. Immediately call a Poison Center or Physician.

**Ingestion:** Clean mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Immediately call a Poison Center or Physician.

### 5. FIRE-FIGHTING MEASURES:

**Fire Extinguishing media:** Use dry chemical, carbon dioxide or water spray. For larger fires use regular foam, dry chemical, carbon dioxide or water spray. Move containers away from fire area if it can be done without risk. From a safe distance and keeping upwind, apply flooding amounts of water to sides of container exposed to fire for cooling purposes until well after the fire is extinguished. Stay away from tanks engulfed in flames. (2008 Emergency Response Guidebook Guide #154)

**Hazards during fire-fighting:**

Containers may rupture when exposed to extreme heat.

**Protective equipment for fire-fighting:**

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

### 6. ACCIDENTAL RELEASE MEASURES:

**Personal precautions:**

Use recommended personal protective clothing and equipment. Use respirator when performing operations involving potential exposure to vapor of the product. To prevent slipping, walk cautiously through spilled material.

**Environmental precautions:**

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off work area. Material should be absorbed, collected and disposed of in accordance with regulations. Keep concentrated product from entering sanitary sewer, storm drains or surface water. Consult local and federal guidelines for proper disposal of these materials.

**Cleanup:**

- For small amounts of released material: Mop or vacuum up then transfer to suitable container for disposal. - For large amounts of released material: Dike around spilled material with non-combustible absorbent material (e.g. sand, diatomaceous earth, vermiculite) to contain. Transfer spilled material to plastic containers for disposal.

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### 7. HANDLING and STORAGE:

**Handling:**

**General advice** - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

**Storage:**

**General advice** - Protect against physical damage. Store in tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.

**Shelf Life:**

12 months minimum

### 8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

***Advice on system design:***

Provide local exhaust ventilation to control vapors/mist for published exposure limits.

***Personal protective equipment (HMIS rating 'H'):***

Eye protection: Wear splash-proof safety goggles to prevent exposure.

Skin protection: Chemical-resistant gloves. Wear appropriate protective (impervious) clothing equipment to prevent possible skin contact.

Respiratory protection: Not normally required. Avoid breathing mists or spray. Use proper NIOSH-OSHA respirator if ventilation is inadequate.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure. If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

***Other protective measures:***

Nearby running water on the job site is necessary, should an accident occur.

***Exposure Guidelines:***

ACGIH STEL: 1000 ppm (64-17-5)

OSHA PEL: 1000 ppm (64-17-5)

### 9. PHYSICAL and CHEMICAL PROPERTIES:

Appearance:	Clear Red Liquid	Flash Point:	> 200°F (93.33°C)
Odor:	Mild	Upper/Lower Flammability Limits:	No information available
pH value:	7.2 – 8.2	Relative Density (water):	1.00
		Auto-Ignition Temperature:	No information available
		Decomposition temperature:	No information available
Specific gravity:	0.999 (H2O = 1)	Partition Coefficient	No information available
Solidification temperature:	No information available	Odor Threshold	No information available
Freezing/Melting point:	32 °F (0 °C)	Viscosity:	< 10 cps.
Boiling point:	212°F (100 °C)	Partition Coefficient	No information available
Vapor density:	No information available	Solubility in water:	100%
Vapor pressure:	No information available		
Evaporation Rate:	No information available		
Regulatory VOC:	< 1% by weight (concentrate) <0.1 % by weight (at use concentration – 1:128 dilution)		

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### 10. STABILITY and REACTIVITY:

***Conditions to avoid:***

Excessive heat or flame.

***Substances to avoid:***

Strong oxidizers (e.g., bleach) and reducing agents.

***Hazardous reactions:***

Product is chemically stable.

***Decomposition or By-products:***

In fire conditions: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) nitric oxides (NO<sub>x</sub>) and ammonia.

### 11. TOXICOLOGY INFORMATION:

***Acute Toxicity (Symptoms):***

**Ingestion:** Burns of the mouth, throat, esophagus and stomach. Pain, nausea, vomiting and diarrhea.

**Eye Contact:** Can cause serious eye damage. Severe irritation, conjunctivitis, redness.

**Skin Contact:** Can cause severe burns. Irritation, inflammation, ulceration, and possible chemical burns.

**Inhalation:** May cause respiratory tract irritation and coughing.

***Numerical Measures of Toxicity:***

Expected Calculated Acute Toxicity Estimates (ATE) based on available information.

ATEmix (oral): 1,270 mg/kg

***Chronic Toxicity:***

**Carcinogenicity:** No carcinogenic substances as defined by NTP and OSHA. IARC classifies "Ethanol in alcoholic beverages" (CAS No. 64-17-5) as Group 1 – carcinogenic to humans. ACGIH classifies Ethanol (CAS No. 64-17-5) as a confirmed animal carcinogen with unknown relevance to humans.

### 12. ECOLOGICAL INFORMATION:

***Biodegradation:***

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Expected to be biodegradable.

***Environmental toxicity:***

Acute and prolonged toxicity to fish: Not Established

Toxicity to microorganisms: Not Established

Other ecotoxicological advice: Not Established

### 13. DISPOSAL CONSIDERATIONS:

***Waste disposal of substance:*** Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

***Container disposal:*** Dispose of in a licensed facility according to label directions in accordance with local regulations.

***RCRA:***

Unspecified.

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**14. TRANSPORTATION INFORMATION:**

**DOT:**

**UN/ID No:** 1903

**Proper Shipping Name:** DISINFECTANTS, LIQUID, CORROSIVE N.O.S (ALKYLDIMETHYLBENZYL AMMONIUM CHLORIDE, ETHANOL SOLUTION)

**Hazard Class:** 8

**Packing Group:** II

**IATA:**

**UN/ID No:** 2920

**Proper Shipping Name:** CORROSIVE LIQUID, FLAMMABLE, N.O.S (ALKYLDIMETHYLBENZYL AMMONIUM CHLORIDE, ETHANOL SOLUTION)

**Hazard Class:** 8

**Packing Group:** II

**15. REGULATORY INFORMATION:**

**Federal Regulations:**

**EPA Registration No. (FIFRA):** 47371-130-40714

**Registration status:**

TSCA, US: All components are listed or exempt.

**SARA hazard category (EPCRA 311/312):** Acute health hazard

**SARA TITLE III, SECTION 313:**

**CAS Number:** \_\_\_\_\_ **Chemical Name:**

None

**State Regulations:**

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

**CAS Number:** \_\_\_\_\_ **Chemical Name:**

64-17-5 Ethanol

**CA Cleaning Product Right To Know Act of 2017: Ingredient Disclosure**

INGREDIENT	CAS NUMBER	FUNCTION
WATER	7732-18-5	DILUENT
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	PESTICIDE
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES	68424-85-1	PESTICIDE
TETRASODIUM ETHYLENEDIAMINE TETRAACETATE	64-02-8	CHELANT
ETHYLENEDIAMINE TETRAACETIC ACID	60-00-4	CHELANT
SODIUM HYDROXYACETATE	2836-32-0	CHELANT
SODIUM HYDROXIDE	1310-73-2	ALKALINE BUILDER
TRISODIUM NITRILOTRIACETATE	5064-31-3	CHELANT
ACID RED 1	3737-67-6	COLORANT
ACID RED 106	6844-74-2	COLORANT
ACID VIOLET 12	6625-46-3	COLORANT

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## 16. OTHER INFORMATION:

### NFPA Rating:

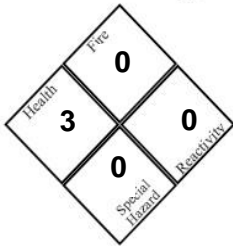
Health: 3      Fire: 0      Reactivity: 0      Special Hazard: none

### HMIS III Rating:

Health: 3      Flammability: 0      Physical Hazard: 0  
Personal Protection: H (safety glasses with side shields and chemical-resistant gloves)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

NFPA Rating



HMIS Rating

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

**Prepared by:** Surtec, Inc. 09/12/19    **Revision No.:** Original

### Local Contact Information:

Surtec, Inc.  
209-820 3700; Toll Free 800-877-6330 (8 a.m. to 5 p.m., M-F, PST)  
[www.surtecsystem.com](http://www.surtecsystem.com)

**Notice:** The information provided is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

**Warranty:** This is a proprietary SURTEC product, warranted to be of uniform quality within our stringent manufacturing tolerances. As no control is exercised over product use, no warranty is made as to the effects of such use (neither expressed nor implied). Obligation of the seller and manufacturer under this warranty shall be limited to a refund of the purchase price of that portion of the material proven to be defective. The user assumes all other risk and liability resulting from uses of this product. Contact SURTEC with any questions regarding this policy.