



# SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: LEKTRIKLEEN (Bulk)

Application: Energized Electrical Cleaner

Product Number: 2041

UN-Number: 1897

Manufacturer Information Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
Physical: 1175 Industrial Way Sparks, NV 89431  
Phone Number: 775-359-8494 or 800-648-1153  
Web: SUNRISENV.COM

Emergency Phone No.  
Chemtrec: 1-800-424-9300

Pages: 3

## 2. HAZARDS IDENTIFICATION

### Emergency Overview:

Signal Word: DANGER

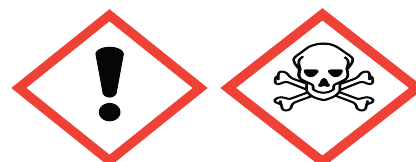
Keep out of reach of children.

### Potential Health Effects:

Inhalation: Excessive inhalation of vapors may cause irritation of the respiratory tract, nausea, dizziness and/or headach

Skin Contact: Prolonged contact may cause irritation and/or dryness of skin.

Ingestion: May cause serious health effects including vomiting, nausea and/or gastrointestinal irritation.



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
*Trichloroethylene	79-01-6	N/A	50 ppm	50 ppm	N/A
Comments: None					

## 4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek physician help.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting seek physician care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek physician help.

Additional Information: Adrenalin should never be given to person overexposed to Trichloroethylene.

## 5. FIRE FIGHTING MEASURES

Flash Point: None

Upper Flammable Limit (UEL): 15.0%

Lower Flammable Limit (LEL): 7.5%

Flammable Limits: Methyl chloroform

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: The vapors are heavier than air and may travel along the ground or be moved by ventilation and lightly by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Vapors at 7% to 15% may ignite in high intensity flame.

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment with full face piece operated in the positive pressure mode.

NFPA Rating: (Flammability 0) (Health 2) (Reactivity 1)

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

**Environmental Precautions:** Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

**Method for Cleanup & Containment:** Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

**Additional Information:** Follow local and federal regulations with regard to chemical spills

## 7. HANDLING AND STORAGE

**Handling Procedure:** Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

**Storage Procedures:** Keep in a well-ventilated place, away from open flame, heat, reactive chemicals and/or other source of ignition.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Occupational Exposure Limits:**

**ACGIH Components:** Use ventilation adequate to maintain TLV.

**OSHA Components:** This product is not regulated.

**Engineering Measures:** Use fan in confined area. Use local exhaust ventilation.

**Personal Protective Equipment (PPE):** Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

**Hygiene Recommendations:** Use caution appropriate to terpenes. Use protective equipment (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colorless

**Physical State:** Liquid

**Vapor Pressure:** 58 mmHg @ 20°F

**Boiling Point:** 176°F

**Solubility (H<sub>2</sub>O):** Insoluble in water

**Freezing Point:** N/D

**Odor:** Little aroma

**pH:** N/D

**Density:** N/D

**Evaporation rate:** >1

**Vapor Density:** 4.5

**Melting Point:** -45°C

**Specific Gravity:** 1.320

**VOC:** 100.0%

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions.

**Conditions to Avoid:** N/A

**Incompatibility:** Strong bases, Metallic Aluminum and Zinc powder.

**Hazardous Decomposition:** Hydrogen Chloride, Phosgene and Chlorine.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Skin, eyes, inhalation and/or ingestion.

**Effects** includes fatigue, dizziness, nausea, headache and eye and skin irritation. Harmful if swallowed. Dermatitis possible in sensitive individual.

Inhalation may cause hoarseness or cough. Deliberate inhalation may result in convulsions, permanent body damage or death.

**NTP:** No

**IARC:** No

**Carcinogenicity:** Yes

**OSHA Regulated:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Chronic Toxicity:** May include lung, liver, skin and kidney damage.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

## 13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal.

## 14. TRANSPORTATION INFORMATION

US DOT Information: UN 1897, TETRACHLOROETHYLENE, 6.1, PG III, CLASS 92.5

Marine Pollutant: N/D

Shipping Name: Lektrikleen

Required Label: N/A

## 15. REGULATORY INFORMATION

Classification: Irritant, Poison

Hazard Symbol: Exclamation Point, Skull & Crossbones



### US Federal Regulations

OSHA'S Hazard Communication Rule:

SARA Title III-This product does contain chemicals component with known CAS number that exceed the threshold reporting levels establish by SARA Title III, section 313: Trichloroethylene <95%.

### State Regulations

California Prop. 65

This product does contain chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### SDS History

Date Prepared: 04/02/2014

Revision Date: 03/13/2015

Contact Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
Physical: 1175 Industrial Way Sparks, NV 89431  
Phone Number: 775-359-8494 or 800-648-1153  
Web: SUNRISENV.COM

This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subjected to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein and neither the provider nor the manufacturer are liable to any party for any damages or nature. Including direct, special or consequential damages arising out of or in connection with accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions. The recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.