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## ELECTRICAL CONTACT CLEANER

**HMIS: 0-0-0**

**NFPA: 3-0-1**

Data Sheet: 133  
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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens are identified with an asterisk (\*) in this section.

<u>Ingredient(s)</u>	<u>OSHA PEL</u>	<u>Percent</u>	<u>ACGIH TLV</u>
1,1,1, Trichloroethane CAS #: 71-55-6	350 ppm	96%	350 ppm
Carbon Dioxide CAS #: 124-38-9	5000 ppm		5000 ppm

### SECTION 2: HAZARDS IDENTIFICATION

**Permissible Exposure Limits:** Not established for this product.

**Effects of Acute Overexposure:**

**Eyes:** May cause irritation, redness, or watering.

**Skin:** May cause itching, dryness, redness, or irritation.

**Breathing:** Large amounts of vapors may cause nausea, or dizziness.

**Swallowing:** Nausea, headache and vomiting.

**Primary Route(s) of Entry:** Skin contact, eye contact, ingestion and inhalation.

**Effects of Chronic Overexposure:** This product does not contain components in excess of 0.1% which are listed as carcinogens by IARC, NTP, OSHA or ACGIH.

**Medical Conditions Aggravated by Exposure:** Skin sensitivity, chemical allergies.

**Chronic Effects of Overdose:** Unknown, but not likely to occur from aerosol use.

**Warning:** Contains 1, 1, 1-Trichloroethane, a substance which harms public health and environment by destroying ozone in the upper atmosphere.

### SECTION 3: FIRST AID MEASURES

**EYES:** Immediately remove individual from exposure area into fresh air. Flush eyes with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.

**SKIN:** Remove contaminated clothing immediately. Discard contaminated shoes. Wash exposed area with large amounts of soap and water. If irritation persists or open sores develop, get immediate medical attention.

**BREATHING:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped, give artificial respiration. Keep person warm, quiet and get immediate medical attention. If possible do not leave person unattended.

**SWALLOWING:** Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If the individual is conscious and alert, immediately rinse mouth with water and dilute the swallowed material with milk or water. Seek immediate medical attention.

#### SECTION 4: FIRE FIGHTING MEASURES

**Flash Point:** N/A.

**Explosive Limit:** Not Established for product.

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical, Halon.

**Hazardous Decomposition Products:** Open flames may cause carbon monoxide and phosgene.

**Fire Fighting Procedures:** Wear Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fire fighting.

**Special Fire and Explosion Hazards:** Exposure to temperatures over 120 degrees F. may cause bursting or venting. Heat or fire may cause bursting or venting. Heat or fire may cause hazardous fumes: carbon monoxide and phosgene.

#### SECTION 5: ACCIDENTAL RELEASE MEASURES

**Small Spill:** Remove all sources of ignition. Dike area if possible for recovery. Small quantities may be absorbed with absorbent materials. Follow Local, State, and Federal regulations for proper disposal.

**Large Spill:** Same as above.

#### SECTION 6: HANDLING AND STORAGE

Minimize temperature extremes. Do not store where temperatures exceed 120 degrees Fahrenheit. Keep out of reach of children

#### SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH / MSHA approved respirator may be advised in absence of proper environmental control. OSHA regulations also permit other NIOSH / MSHA respirators under specified conditions -- see 29 CFR 1910.134 or your safety equipment supplier. Engineering and/or administrative controls should be implemented to reduce exposure.

**Ventilation:** Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below recommended exposure limits.

**Protective Gloves:** Wear chemical resistant gloves such as neoprene or rubber. Contact your safety equipment supplier.

**Eye Protection:** Chemical splash goggles and a face shield to prevent splash on to the face, in compliance with OSHA regulations, are advised.

**Other Protective Equipment:** To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

#### SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

<u>Property Measurement</u>		<u>Property Measurement</u>	
Boiling Point	N/A	Specific Gravity	1.30
Vapor Pressure	75 psig	Percent Volatiles	N/A
Vapor Density	>1	Evaporation Rate	>1
Solubility In Water	Insoluble		
Appearance & Odor	Water white - sweet ethereal odor	pH	N/A

#### SECTION 9: STABILITY AND REACTIVITY

**Hazardous Polymerization:** Can not occur.

**Stability:** Stable.

**Incompatibility:** Avoid contact with strong oxidizing agents, acidic materials, and metal. Do not mix with any other products.

**Hazardous Decomposition Products:** Open flames may cause carbon monoxide and phosgene.

**Conditions to Avoid:** Sources of heat.

#### SECTION 10: TOXICOLOGICAL INFORMATION

No data available at this time.

**SECTION 11: ECOLOGICAL INFORMATION**

No data available at this time.

**SECTION 12: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all Local, State, and Federal regulations.

**SECTION 13: TRANSPORTATION INFORMATION**

**DOT Hazard Classification:** Consumer Commodity ORM-D.

**SECTION 14: REGULATORY INFORMATION**

SARA Title III, Section 313 chemicals: 1,1,1, Trichloroethane RQ 1000 lbs.

SARA Title III, Section 312: Health - Acute (No) Chronic (No) Fire (No) Reactivity (No)

Proposition 65 : None

**SECTION 15: OTHER INFORMATION**

Containers used to transport and store this material may be hazardous when emptied. Residue (Vapor, Liquid, and/or Solid) may be present in the emptied container. All hazard precautionary measures should be followed.

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.