

CRC® HV Switchgear Lube

- Lubricant and corrosion inhibitor for Metering, Distribution and Substation class switchgear contacts
- Penetrates to coat contacts and provide long term switchgear protection
- **PowerJet®** nozzle allows application from greater distance overhead with Hot Line tool adapter

DIRECTIONS: Read entire label before using this product.

Note: For personal safety, do not apply while equipment is energized. This product is classified as non-flammable. However, if this product were sprayed directly on energized electrical equipment and an ignition source was found such as a stray arc, this could result in an arc flash. Equipment should be de-energized before applying this product. The equipment can be safely re-energized 30 seconds after application.

1. Spray a light, even film on areas requiring lubrication or protection.
2. If necessary, repeat step 1 until desired film thickness is attained.
3. If grease removal is required, use any of CRC's Cable Cleaner products.

Danger: Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. Causes eye irritation. May cause drowsiness or dizziness. May cause cancer.



Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49 °C/120 °F. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist/vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Store locked up. Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.

First Aid: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed or concerned: Get medical advice/attention.

Contains tetrachloroethylene 127-18-4 and 1,1,1,2-tetrafluoroethane 811-97-2. Deliberate misuse by concentrating and inhaling the contents is illegal and can be harmful or fatal. Inhalation abuse can cause death. For additional information, consult SDS for this product.

Electrical Shock Hazard: This metal can will conduct electricity. Do not touch can to live electrical sources, as this may result in serious injury.

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800-521-3168 (Technical Information) • 800-272-4620 (Customer Care)

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www.crcindustries.com



HV Switchgear Lube

Substation – Distribution



**Non-Flammable
Lubricates Switchgear
Prevents Corrosion**



Para obtener información
adicional en Español,
visite www.crcindustries.com.



Item# 1750792

**Net Wt.
10 oz (283 g)**

Read warnings on back panel.



To review S.D.S.: Tear (DO NOT CUT) label along these perforations and fold back label. After viewing, reattach label. Do not completely remove label until can is empty.

1. Identification

Product identifier: HV Switchgear Lube

Product code Item# 1750792

Recommended use Lubricant for high voltage switchgear

Restrictions None known.

Manufactured by: CRC Industries, Inc., 885 Louis Drive, Warminster, PA 19974

Phone: 215-674-4300

Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

2. Hazard(s) identification

Physical hazards Gases under pressure (Liquefied gas)

Health hazards Skin corrosion/irritation Category 2

Serious eye damage/eye irritation (Category 2B)

Sensitization, skin (Category 1B)

Carcinogenicity (Category 1B)

Specific target organ toxicity, single exposure

(Category 3 narcotic effects)

Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
tetrachloroethylene	127-18-4	50 – 60
1,1,1,2-tetrafluoroethane	811-97-2	30 – 40

(The exact percentage of composition is being withheld as a trade secret.)

4. First-aid measures

Inhalation Move to fresh air. Call a poison center or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Call a POISON CENTER or doctor/physician.

Most important symptoms/effects Narcotic effects. Irritant effects. Skin sensitization.

Special treatment needed Provide general supportive measures and treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media Water fog, Foam, Dry chemical powder, Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards Pressurized container may rupture when exposed to heat or flame. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

Personal precautions Keep unnecessary personnel away. Avoid breathing mist/vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. Avoid release to the environment. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Handling Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment.

Storage Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Store in a well-ventilated place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
tetrachloroethylene	TWA	25 ppm
1,1,1,2-tetrafluoroethane	TWA	1000 ppm

Appropriate engineering controls Mechanical ventilation or local exhaust ventilation is recommended. Provide eyewash station.

Individual protection measures:

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection Wear protective gloves such as nitrile, PVA, or viton/butyl.

Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Wear positive pressure self-contained breathing apparatus (SCBA) in case of emergency.

9. Physical and chemical properties

Appearance Colorless liquid.

Odor threshold Not available.

Melting point/freezing point -58 °F (-50 °C)

Flash point None.

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapor pressure 2657 hPa

Relative density 1.41

Auto-ignition temperature Not available.

VOC (Weight %): 0%

Odor Irritating.

pH Not available.

Initial boiling point 250 °F (121 °C)

Evaporation rate Fast.

Vapor density > 1 (Air = 1)

Solubility(ies) Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

Conditions to avoid Heat, hot surfaces, sparks, open flames and other ignition sources. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products Carbon oxides. Hydrogen chloride. Chlorine. Phosgene.

11. Toxicological information

Information on likely routes of exposure:

Inhalation Vapors have a narcotic effect and may cause drowsiness, dizziness, headache, nausea, and vomiting.

Skin contact Causes skin irritation. May cause an allergic skin reaction.

Eye contact Causes eye irritation.

Ingestion Expected to be a low ingestion hazard.

Information on toxicological effects:

Acute toxicity None known.

Sensitization May cause an allergic skin reaction.

Carcinogenicity May cause cancer.

tetrachloroethylene IARC 2A (Probably carcinogenic to humans)

tetrachloroethylene NTP (Reasonably anticipated to be a human carcinogen)

Reproductive toxicity Not expected to cause reproductive or developmental effects.

Specific target organ toxicity May cause drowsiness and dizziness.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions This material must be disposed of as hazardous waste (See 40 CFR Part 261.20 – 261.33).

Hazardous waste code Possible waste codes: D039, F001, F002, U210

14. Transport information

DOT shipping description: UN1950, Aerosols, poison, 2.2 (6.1), limited quantity

15. Regulatory information

SARA 313 tetrachloroethylene

See full SDS for additional information

16. Other information

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