

MATERIAL SAFETY DATA SHEET

Product Identification: **CLEARCO CHAIN & CABLE SPRAY**

Manufactured By:
CLEARCO PRODUCTS CO., INC
3430-G PROGRESS DRIVE
BENSALEM, PA 19020
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Emergency Telephone Number
CHEM-TEL: 1 (800) 255-3924

Date Prepared: 07/02/03

HMIS Ratings: Health - 0 Flammability - 3 Reactivity - 0

SECTION I CHEMICAL PRODUCT

INGREDIENTS / COMPONENTS	CAS Number	OSHA PEL (ppm)	ACGIH TLV (ppm)	Weight Percent
White Mineral Oil	8042-47-5	5 mg/m3	5 mg/m3	60-70
Liquified Petroleum Gas	68476-65--7	1000 ppm	1000 ppm	30-40
Dimethylpolyoxane	63148-62-9	N/E	N/E	

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS (Physical / Chemical Characteristics)

SECTION 3 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: Propellant <0F
Vapor Density (Air = 1): Above 1.0
Solubility in Water: Negligible
Percent Volatile: 30.0% Wt Max
Vapor Pressure: Not Established

Specific Gravity (H2O = Below 1.0)
Evaporation Rate (= 1): Not established
Appearance & Odor: Water White and Odorless
Freezing Point: Not Established

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point: -Propellant <0 F
Flammable Limits in - Lower: 1.8% Upper: 9.5%
Extinguishing Media: For warehouse and storage conditions, use NFPA Class B extinguisher (CO2, dry chemical, or universal aqueous film forming foam)

SPECIAL FIREFIGHTING PROCEDURES: Use water spray to cool fire exposed aerosol containers, for contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents extremely flammable and under pressure. In addition, when liquid or vapor comes into contact with flames or red hot metal, products of combustion may be created.

SECTION 5 REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Heat, Sparks, Flame, red hot metal
Hazardous Polymerization: Will not occur
Conditions to Avoid: Not Applicable
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition Products: Oxides of carbon.

SECTION 6 HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:
Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired co-ordination.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS O EXPOSURE

Skin: Contact may dry the skin; prolonged contact may cause moderate irritation.

Eyes: Liquid or vapor can cause moderate to severe irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Not easily absorbed. Solvent action can dry and defat the skin causing the skin to crack, leading to dermatitis.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: Eye Irritant. Possible skin irritant. Chronic: None Known

CARCINOGENICITY: NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove to fresh air/ Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

Skin: Wipe off with towel. Wash with soap and water. Get medical attention if irritation persists.

Eyes: wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this MSDS for Hazard caution information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING.

Store and use in cool, dry, well-ventilated areas. Do not store above 120 deg F. Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

OTHER PRECAUTIONS

Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

SECTION 8 CONTROL MEASURES**RESPIRATORY PROTECTION**

None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved airline type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV Limits.

VENTILATION

Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

PROTECTIVE GLOVES

None under normal use. Solvent resistant required for prolonged or repeated contact.

EYE PROTECTION:

None under normal use; however, use of safety glasses with splashguards or full-face shield is recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None under normal use; however, use of solvent resistant aprons or other clothing is recommended.

WORK/HYGIENIC PRACTICES

Eye washes and safety showers in the workplace are recommended.

SECTION 9 TRANSPORTATION INFORMATION**DOT DESCRIPTION**

Proper Shipping Name: Consumer Commodity
Hazard Class: ORM-D
Packaging Group: -
UN or ID Number: None

UN AND IATA DESCRIPTION

Proper Shipping Name: Consumer Commodity
Hazard Class: 9 (Miscellaneous)
Packaging Group: -
UN or ID Number: ID8000

IMDG DESCRIPTION

Proper Shipping Name: Aerosol, Limited Quantity
Hazard Class: 2
UN or ID Number: UN1950
Ems No.: 2-13
MFAG No: 620

NMFC DESCRIPTION

Article: Compounds Lubricating
Item No.: 50303
Class: 55

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