Safety Data Sheet

SDS No: 50121

Section 1. Identification

Product Identifier:	**Cable Life**
Product Use:	Lubricant
Manufacturer:	ProtectAll 7101 Jackson Road Ann Arbor, MI 48103
Emergency Numbers:	(734) 769-6000 (800) 424-9300 (CHEMTREC - 24 hours)

Section 2. Hazards Identification

Classification: Flammable aerosol - Category 2 Liquified gas

Hazard Pictograms:

Signal Word: DANGER

Hazard Statements: Flammable aerosol. Contains gas under pressure; may explode if heated.

Precautionary Statements:

Prevention: Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Do not spray on an open flame or other ignition sources. Do not pierce or burn, even after use.

Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated place.

Section 3. Composition / Information on Ingredients

Mixture of the following ingredients with non hazardous additions.

Ingredient Name	Wt%	CAS Number
Petroleum gases, liquefied, sweetened	24.50	68476-86-8

Section 4. First Aid Measures

First Aid Measures

Inhalation:	If irritation develops, move to fresh air. Get medical attention if irritation persists.
Skin Contact:	Wash off with soap and water. Wash clothes before reuse. Get medical attention if irritation develops and persists.
Eye Contact:	Irrigate eyes for a minimum of 15 minutes. Get medical attention if irritation develops and persists.
Ingestion:	Do not induce vomiting. Drink large amounts of water. Contact a physician.

Potential Acute Health Effects

Inhalation:	May produce anesthetic effects and feeling of euphoria.
Skin Contact:	Not a skin irritant.
Eye Contact:	May cause eye irritation.
Ingestion:	Propellant is an aspiration hazard.

Potential Over-Exposure Symptoms

Inhalation:	Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis and unconsciousness, depending on concentration and time of exposure.

Skin Contact:	Not a skin irritant.
Eye Contact:	May cause eye irritation.
Ingestion:	Ingestion of propellant may cause pulmonary injury.

Section 5. Fire-Fighting Measures

Extinguishing Media:	Foam, water mist, dry chemical, or carbon dioxide
Specific hazards arising from the chemical:	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Hazardous thermal decomposition products:	Carbon monoxide, oxides of nitrogen, and sulfur.
Special protective actions for fire-fighters:	None
Special protective equipment for fire-fighters:	None

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal clothing. Eliminate sources of ignition. Avoid inhalation and ventilate area. Absorb with non-combustible material and place in closed containers for disposal. Mop area with high pH cleaner and repeat with plenty of clean, cold water.

Method and materials for containment and clean up

Use spark-proof tools and explosion-proof equipment. Dispose of in accordance with federal, state, and local regulations. Avoid release into the environment.

Section 7. Handling and Storage

Precautions for safe handling:	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use only in well-ventilated areas. Observe good industrial hygiene practices. Do not empty into drains.
Conditions for safe storage:	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source.

Section 8. Exposure Control/Personal Protection

Occupational Exposure Limits

Distillates (petroleum), Hydrotetreated Heavy Naphthenic

ACGIH-TLV: 5 mg/m^3 (As oil mist)

Appropriate Engineering Controls

Maintain adequate ventilation. Use local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protection

Respiratory Protection:	Not required for properly ventilated areas
Skin Protection:	Rubber gloves
Eye/Face Protection:	Safety glasses or goggles
Hygiene Measures:	Wash hands thoroughly after handling especially before eating, drinking and smoking. Wash contaminated clothing before reuse. Have eyewash and safety shower available.

Section 9. Physical and Chemical Properties

Physical State:	Aerosol	Upper/Lower Explosive Limits:	1.8 Vol %/9.5 Vol %

Color:	Straw colored	Vapor Pressure:	23 hPa (17 mmHg)
Odor:	Petroleum	Vapor Density:	4
Odor Threshold:	Not available	Specific Gravity:	0.89
pH (of liquid)	Not available	Bulk Density:	Not applicable
Melting Point (of liquid):	-30°F	Solubility:	Not soluble
Freezing Point:	Not available	Partition coefficient n-octanol/water:	≥5.7
Boiling Point:	Not applicable, aerosol		
Flash Point:	-156°F (Estimated)	Auto-ignition Temperature:	Not available
Evaporation Rate:	Not applicable	Decomposition Temperature:	Not available
Flammability:	Not applicable	Viscosity (mm^2/s @ 40°C):	20.6 min.

Section 10. Stability and Reactivity

Reactivity:	No specific test data available on finished product.
Chemical Stability:	The product is stable.
Possibility of Hazardous Reactions:	Under normal conditions of storage and use hazardous reactions will not occur.
Conditions to Avoid:	Elevated temperatures. Heat and direct sunlight.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce carbon monoxide, oxides or nitrogen and sulfur.

Section 11. Toxicological Information

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Inhalation:	May produce anesthetic effects and feeling of euphoria.
Skin Contact:	Not a skin irritant.
Eye Contact:	May cause eye irritation.
Ingestion:	Propellant is an aspiration hazard.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation:	Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis and unconsciousness, depending on concentration and time of exposure.
Skin Contact:	Not a skin irritant.
Eye Contact:	May cause eye irritation.
Ingestion:	Ingestion of propellant may cause pulmonary injury.

Potential Chronic Health Effects

Short Term Exposure

Potential immediate effects: Not available

Long Term Exposure

Potential delayed effects:	Not available
General:	Not available
Carcinogenicity:	Ingredients not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Mutagenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Developmental Effects:	Not available
Fertility Effects:	Not available

Information on Toxicological Effects

Acute Toxicity

Components:

Petroleum gases, liquefied, sweetened		Not available

Respiratory or skin sensitization

Respiratory sensitization	No known significant effects or critical hazards.
Skin sensitization	No known significant effects or critical hazards.
Carcinogenicity:	Not recognized as carcinogenic by Research Agencies (ACGIH, IARC, NTP, OSHA).
Mutagenicity:	Not data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity:	No data available to indicate product or any components present at greater than 0.1% present reproductive hazards.
Specific target organ toxicity - single exposure:	Not classified as such
Aspiration hazard	Propellant is an aspiration hazard.

Section 12. Ecological Information

Toxicity: Not expected to be harmful to the environment.

Components

Petroleum gases, liquefied, sweetened		Not available

Persistence and Degradability:	Ingredients are biodegradable.
Bioaccumulative Potential:	Low bioaccumulation expected
Mobility in Soil:	Not available
Other Adverse Effects:	No known significant effects or critical hazards.

Section 13. Disposal Considerations

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Waste disposal should be in accordance with existing federal, state, and local regulations. Do not reuse empty container.

Section 14. Transport Information

UN Number:	UN1950	Hazard Class:	2.1
UN Proper Shipping Name:	Aerosol, flammable (Limited Quantity)	Packing Group:	NA

Regulated under all modes of transportation as UN1950 in limited quantities. Consult the individual regulations, IATA via air, IMDG via water and TDG for Canadian shipping information. NOT PACKAGED FOR AIR TRANSPORT.

Environmental Hazard: No

Section 15. Regulatory Information

SARA 311/312: Fire hazard, pressure hazard and acute health hazard

SARA Title III Section 313 EHS: None
SARA Title III Section 313 Toxic: None

Section 16. Other Information

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