

MATERIAL SAFETY DATA SHEET

Company Name: C.R. LAURENCE CO., INC.
Address: 2503 E. VERNON AVE.
City / State / Zip: LOS ANGELES / CA / 90058
US-CHEMTREC Phone(I): (800)424-9300
US-CHEMTREC Phone(II): (703)527-3887
CAN-CANUTEC Phone: (613)996-6666
Vendor Update: 9/11/2012
Date Prepared: 7/23/2013
MSDS Number: CRL715 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: CRL WHITE GREASE LUBE (AEROSOL)
HMIS Ratings:

Health: Slight(1)
 Flammability: Extreme(4)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:

Personal Protective Equipment: B

Other:

EMERGENCY OVERVIEW:
 EXTREMELY FLAMMABLE
 CONTENTS UNDER PRESSURE. AEROSOL. PRESSURIZED CONTAINER MAY EXPLODE WHEN EXPOSED TO HEAT OR FLAME.
 IRRITATING TO SKIN. IRRITATING TO EYES. IRRITATING TO RESPIRATORY SYSTEM. PROLONGED EXPOSURE MAY CAUSE CHRONIC EFFECTS.

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
PROPANE	74-98-6	15 - 20	1000 PPM	1000 PPM			
Notes							
ALIPHATIC PETROLEUM SOLVENT	64742-89-8	50 - 60					
Notes							
NON-HAZARDOUS AND OTHER COMPONENTS BELOW REPORTABLE LEVELS		20 - 40					
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: CAUSES EYE IRRITATION.

Skin: IRRITATING TO SKIN.

Ingestion: EXPOSURE BY INGESTION OF AN AEROSOL IS UNLIKELY. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. MAY CAUSE DELAYED LUNG DAMAGE.

Inhalation: INTENTIONAL MISUSE BY CONCENTRATING AND INHALING THE PRODUCT CAN BE HARMFUL OR FATAL. IRRITATING TO RESPIRATORY SYSTEM. PROLONGED INHALATION MAY BE HARMFUL.

Other: ROUTES OF EXPOSURE
 INHALATION. SKIN CONTACT.

IV. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. GET MEDICAL

ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

- Skin:** WASH OFF IMMEDIATELY WITH PLENTY OF WATER. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES. IF SKIN IRRITATION PERSISTS, CALL A PHYSICIAN.
- Ingestion:** HAVE VICTIM RINSE MOUTH THOROUGHLY WITH WATER. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE RISK OF ASPIRATION. DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM INGESTED THE SUBSTANCE. INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH A ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICE.
- Inhalation:** MOVE TO FRESH AIR. OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. DO NOT USE MOUTH-TO-MOUTH METHOD IF VICTIM INHALED THE SUBSTANCE. INDUCE ARTIFICIAL RESPIRATION WITH THE AID OF A POCKET MASK EQUIPPED WITH A ONE-WAY VALVE OR OTHER PROPER RESPIRATORY MEDICAL DEVICE.

V. FIRE FIGHTING MEASURES

- Flash Point:** -156°F (-104.4°C) ESTIMATED
- Extinguishing Agents:** WATER FOG. FOAM. DRY CHEMICAL. CARBON DIOXIDE(CO2). HALONS.
- Unusual Fire or Explosion Hazards:** CONTAINERS MAY EXPLODE WHEN HEATED. VAPOR OR GAS MAY SPREAD TO DISTANT IGNITION SOURCES AND FLASH BACK.
- Fire Fighting Procedures:** IN THE EVENT OF FIRE AND/OR EXPLOSION DO NOT BREATHE FUMES. WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, PROTECTIVE CLOTHING AND FACE MASK. CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. FOR MASSIVE FIRE, USE UNMANNED HOSE HOLDERS OR MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND LET FIRE BURN.
- Other:** SPECIFIC HAZARDS ARISING FROM THE CHEMICAL FIRE MAY PRODUCE IRRITATING, CORROSIVE AND/OR TOXIC GASES.

VI. ACCIDENTAL RELEASE MEASURES

- Containment/Cleanup:** METHODS FOR CONTAINMENT
ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS, OR FLAMES IN IMMEDIATE AREA). STOP LEAK IF YOU CAN DO SO WITHOUT RISK. MOVE THE CYLINDER TO A SAFE AND OPEN AREA IF THE LEAK IS IRREPARABLE.
METHODS FOR CLEAN UP
SMALL SPILLS: WIPE UP WITH ABSORBENT MATERIAL (E.G. CLOTH, FLEECE). CLEAN CONTAMINATED SURFACES THOROUGHLY.

VII. HANDLING AND STORAGE

- Other:** HANDLING
PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OR IGNITION. USE ONLY IN AREA PROVIDED WITH APPROPRIATE EXHAUST VENTILATION. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT BREATHE GAS/FUMES/VAPOR/SPRAY. AVOID CONTACT WITH SKIN. AVOID CONTACT WITH EYES. WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID PROLONGED EXPOSURE.
STORAGE

STORAGE
 LEVEL 3 AEROSOL.
 CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR CRUSH.
 THE PRESSURE IN SEALED CONTAINERS CAN INCREASE UNDER THE
 INFLUENCE OF HEAT. AVOID EXPOSURE TO LONG PERIODS OF SUNLIGHT.
 KEEP IN AN AREA EQUIPPED WITH SPRINKLERS. KEEP OUT OF THE REACH OF
 CHILDREN.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: WEAR CHEMICAL GOGGLES.

Skin: WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING. PROTECTIVE GLOVES.

Respiratory: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: WHITE COMPRESSED LIQUEFIED GAS.

Boiling Point: 298.4°F(147.8°C) ESTIMATED.

pH: NOT APPLICABLE

Solubility in Water: PARTIALLY

Specific Gravity: 0.6848 (H₂O=1) ESTIMATED

Vapor Pressure: 35 – 45 PSIG @ 70°F

Vapor Density: NOT DETERMINED (AIR=1)

Physical State: LIQUID; FORM: AEROSOL

Other: FLAMMABILITY (HOC): 31.2613 KJ/G ESTIMATED
 FLASH BACK: YES.

X. STABILITY AND REACTIVITY

Stability: RISK OF IGNITION. STABLE AT NORMAL CONDITIONS.

Hazardous Decomposition Products: IRRITANTS. TOXIC GAS. MAY INCLUDE OXIDES OF CARBON.

Incompatible Products: ISOCYANTES.

Conditions To Avoid: HEAT, FLAMES AND SPARKS.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data: ACUTE EFFECTS:
 ACUTE LD50: 3185 MG/KG ESTIMATED, RAT, DERMAL
 ACUTE LC50: 7 MG/L/4H ESTIMATED, RAT, INHALATION.

Special Hazard Information: SENSITIZATION:
 NOT EXPECTED TO BE HAZARDOUS BY OSHA CRITERIA.
 REPRODUCTIVE EFFECTS
 NOT EXPECTED TO BE HAZARDOUS BY OSHA CRITERIA.
 TERATOGENICITY
 NOT EXPECTED TO BE HAZARDOUS BY OSHA CRITERIA.

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: COMPONENTS OF THIS PRODUCT HAVE BEEN IDENTIFIED AS HAVING
 POTENTIAL ENVIRONMENTAL CONCERNS.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: CONTENTS UNDER PRESSURE. DO NOT ALLOW THIS MATERIAL TO DRAIN INTO SEWERS/WATER SUPPLIES. IF DISCARDED, THIS PRODUCT IS CONSIDERED A RCRA IGNITABLE WASTE, D001. DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

RCRA Class: D001: WASTE FLAMMABLE MATERIAL *

Other: *WITH A FLASH POINT <140°F.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: CONSUMER COMMODITY

D.O.T. Hazard Class: ORM-D

Other: PACKAGING EXCEPTIONS: 156,306
PACKAGING NON BULK: 156,306
PACKAGING BULK: NONE

XV. REGULATORY INFORMATION

EPA Sara Title III Chemical Listings: THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
29 CFR 1910.1200 HAZARDOUS CHEMICAL: YES.
CERCLA (SUPERFUND) REPORTABLE QUANTITY:
NONE.
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)
HAZARD CATEGORIES:
IMMEDIATE HAZARD: YES
DELAYED HAZARD: NO
FIRE HAZARD: YES
PRESSURE HAZARD: YES
REACTIVITY HAZARD: NO
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE: NO.
SECTION 311 HAZARDOUS CHEMICAL: YES.

Pennsylvania: U.S.-PENNSYLVANIA-RTK (RIGHT TO KNOW) LIST
PROPANE: CAS# 74-98-6; PRESENT.

Other: INVENTORY STATUS:
COUNTRY(S) OR REGION / INVENTORY NAME / ON INVENTORY (YES/NO)*
CHINA / INVENTORY OF EXISTING CHEMICAL SUBSTANCES IN CHINA (IECSC) / NO.
EUROPE / EUROPEAN INVENTORY OF NEW AND EXISTING CHEMICALS (EINECS) / YES*.
EUROPE / EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES (ELINCS) / YES*.
JAPAN / INVENTORY OF EXISTING AND NEW CHEMICAL SUBSTANCES (ENCS) / NO.
KOREA / EXISTING CHEMICALS LIST (ECL) / NO.
UNITED STATES AND PUERTO RICO / TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY / YES*.
*A "YES" INDICATES THAT ALL COMPONENTS OF THIS PRODUCT COMPLY WITH THE INVENTORY REQUIREMENTS ADMINISTERED BY THE GOVERNING COUNTRY(S).

XVI. OTHER INFORMATION**WARRANTY INFORMATION**

CRL Online

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.