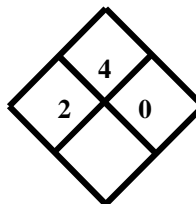


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**Effective Date:** 4/17/06**Material Safety Data Sheet**

MSDS No: 6759

**1. PRODUCT IDENTIFICATION****Trade Name:** RenLease 79-2**Chemical Family:** Organic solvent and propellant

NFPA RATING

<b>Health:</b>	<b>2</b>
<b>Flammability:</b>	<b>4</b>
<b>Reactivity:</b>	<b>0</b>
<b>Personal Protection:</b>	

HMIS RATING

**Synonyms:**  
RP 79-2

**Intended Use or Product Type:**  
Release agent

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS				MFR.	CARCINOGEN STATUS		
			ACGIH		OSHA			IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	142-82-5	Heptane	400 ppm	500 ppm	500 ppm	500 ppm	NE	NR	NR	NR
*	67-63-0	2-Propanol  Common Name: Isopropyl alcohol	200 ppm	400 ppm	400 ppm	500 ppm	NE	NR	NR	NR
*	68476-86-8	Petroleum Gases, Liquefied, Sweetened  Common Name: Propane/isobutane blend	NE	NE	NE	NE	NE	NR	NR	NR

\* = OSHA Hazardous Ingredient

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:** Extremely flammable. Contents under pressure. Vapor or gas reduces oxygen available for breathing. Misuse by concentrating and inhaling the contents can be harmful or fatal. May cause mild irritation if inhaled and may cause mild skin and eye irritation.

**Primary Route(s) of Entry:** Dermal; heated product may produce inhalable vapors.

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#### **4. FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes. Seek immediate medical attention.

**Inhalation:** Remove to fresh air. Seek immediate medical attention.

**Eyes:** Immediately flush eyes with water for at least 15 minutes. Seek immediate medical attention.

**Overexposure Effects:** May cause mild irritation if inhaled and may cause mild skin and eye irritation.

**Medical Conditions Aggravated by Exposure:** Skin, eye and pulmonary conditions.

**Additional Information:** Referral to a physician is recommended if there is any question about the seriousness of any injury.

#### **5. FIRE FIGHTING MEASURES**

<b>Flash Point:</b>	-156°F ( -104 °C)
<b>Flash Point Method Used:</b>	PMCC
<b>Flammable Limits in Air (Lower - % by volume):</b>	1 - 2 For Component
<b>Flammable Limits in Air (Upper - % by volume):</b>	9.5 - 12 For Component

**Fire Fighting Extinguishing Media:** Carbon dioxide, dry chemical, foam, water.

**Fire Fighting Equipment:** Use self-contained breathing apparatus.

**Fire and Explosion Hazards:** Aerosols may burst if exposed to temperatures above 120 degrees F. Contents of aerosol can are under pressure. Decomposition and combustion products may be toxic.

#### **6. ACCIDENTAL RELEASE MEASURES**

**Accidental Release Measures:** Eliminate all sources of ignition. Vapors are heavier than air and may spread long distances or collect in low spots. Remove spillage by absorbing in absorbent material.

#### **7. HANDLING AND STORAGE**

**Signal Word:** Danger!

**Precautions:** Extremely flammable. Contents under pressure. Vapor or gas reduces oxygen available for breathing. Keep away from heat, sparks, and flame. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120F (49C). Do not enter storage areas unless adequately ventilated. Store indoors out of direct sunlight. Keep container closed when not in use. Use with adequate ventilation. Misuse by concentrating and inhaling the contents can be harmful or fatal. May cause mild irritation if inhaled and may cause mild skin and eye irritation. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

**Other Handling Information:** Nuisance dust may be generated when sanding or sawing cured material.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Skin Protection:** Wear impermeable gloves.

**Respiratory Protection:** Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely.

**Eye Protection:** Wear splash-proof chemical goggles.

**Engineering Controls:** General mechanical and local exhaust in accordance with ACGIH recommendations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Color:</b>	Clear
<b>Odor:</b>	Characteristic Solvent
<b>Physical State:</b>	Thin Liquid
<b>Solubility in Water:</b>	Nil
<b>Vapor Pressure:</b>	70 mm Hg
<b>Specific Gravity:</b>	0.67 (water = 1)
<b>Boiling Point:</b>	-209°F (-134 °C) (initial)
<b>Freezing Point:</b>	Not Evaluated
<b>Evaporation Rate:</b>	> 1 (n-Butyl acetate = 1)
<b>Vapor Density:</b>	> 1 (Air = 1)
<b>pH:</b>	Not Determined
<b>Coefficient of water/oil:</b>	Not Determined

**Percent Volatile:** 95 - 99

## 10. STABILITY AND REACTIVITY

**Conditions to Avoid:** Keep aerosols away from direct sunlight and other heat sources. Reacts with aluminum above 49 degrees C.

**Stability:** Stable.

**Incompatibility:** Nitric acid and sulfuric acids, strong oxidizers, aldehydes, halogens and halogen compounds.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and fluorine compounds.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute Inhalation Exposure Effects:** Mild respiratory irritant.

**Skin Irritation:** Mild irritant.

**Eye Irritation:** Mild irritant.

## 12. ECOLOGICAL INFORMATION

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**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

**14. TRANSPORT INFORMATION****DOT: Non-Bulk****Proper Shipping Name:** Consumer commodity, orm-d

**Department of Transportation:** Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.101 hazardous materials table.

**15. REGULATORY INFORMATION****US Federal Regulations:**

**Occupational Safety and Health Act (OSHA):** This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is considered to be a hazardous chemical under that standard.

**Resource Conservation and Recovery Act (RCRA):** D 001 ignitable.

**SARA Title III: Section 313 Toxic Chemical List (TCL):** This product contains a toxic chemical(s) for routine annual toxic chemical release reporting under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this material.

Chemical Name: 2-Propanol

Common Name: Isopropyl alcohol

Percent in Composition: 4 % by wt

Comment:

**TSCA Section 8(b) - Inventory Status:** All chemical components of this product are in compliance with TSCA inventory requirements.

**TSCA Section 12(b) - Export Notification:** This product does not contain any chemical(s) that are subject to a Section 12(b) export notification.

**International Regulations:****Canadian WHMIS:** A B5**State Regulations:**

**California Proposition 65:** This product does not contain any chemicals currently on the California list of Known Carcinogens and Reproductive Toxins.

**Pennsylvania Right-to-Know:** The following is required composition information:

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Chemical Name: Petroleum Gases, Liquefied, Sweetened  
Common Name: Propane/isobutane blend  
CAS Number: 68476-86-8  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: Heptane  
CAS Number: 142-82-5  
Comment: Hazardous Substance

Chemical Name: Non-hazardous release blend  
CAS Number: Confidential  
Comment: Not on Pennsylvania Hazardous Substance List

Chemical Name: 2-Propanol  
Common Name: Isopropyl alcohol  
CAS Number: 67-63-0  
Comment: Environmental Hazardous Substance

## **16. OTHER INFORMATION**

**MSDS No:** 6759  
**Approved By:** Dianne Blessing  
**Title:** EH&S Specialist

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