

**MSDS - Material Safety Data Sheet****Product Name: Spray Power Unit****MSDS No.: SPUI****I. Basic Information:****Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Last Update:** 02/02/2011**Expiration Date:****Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

2	Health
4	Flammability
1	Reactivity
G	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
115106	Dimethyl ether	50.0						NE	NE		
75285	Isobutane	28.5						1,000 ppm	1,000 ppm		
74986	Propane	21.5						1,000 ppm	1,000 ppm	-156 F	

**III. Hazardous Identification:****Hazard Category:**
 Acute
  Chronic
  Fire
  Pressure
  Reactive
**Hazardous Identification Information:**

Respiratory tract irritant. May cause freeze-burns to the skin and eyes.

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

**Health Hazards (Acute and Chronic):**

Acute: Euphoria, headache, dizziness, narcosis, unconsciousness

**Signs and Symptoms:**

Exposure: Feeling of euphoria, anesthesia, rapid breathing

**Medical Conditions Generally Aggravated by Exposure:**

Skin, eye, respiratory, central nervous system, cardiovascular system diseases

**Emergency and First Aid Procedures:**

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## Product Name: Spray Power Unit

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Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Get medical attention.

Ingestion: Get medical attention immediately.

Skin: Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

### Other Health Warnings:

### V. Fire Fighting Measures:

Flash Point: -156 F

Lower Explosive Limit: 1.8

Upper Explosive Limit: 18.0

### F.P. Method:

Fire Extinguishing Media: Dry chemical extinguisher (B-C), water

### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing.

### Unusual Fire and Explosion:

Contents: Flammable gas under pressure.

### VI. Accidental Release Measures:

#### Steps to be Taken in Case Material is Released or Spilled:

Wear self-contained breathing apparatus (SCBA). Contain the spill. Remove sources of ignition (i.e. open flames, sparks). Mechanical recovery. Flare off vapors. Exhaust to atmosphere. Dispose according to local, state, and federal regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Keep in closed container. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Use only in well-ventilated areas. Wash thoroughly after handling.

#### Other Precautions:

### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use only in well-ventilated areas.

#### Personal Protective Equipment:

Safety goggles, lined neoprene gloves, vapor respirator, protective clothing

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### IX. Physical and Chemical Properties:

Boiling Point: -13 F

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Vapor Pressure (mm Hg.): 4,018

Specific Gravity (H2O = 1):

Vapor Density (AIR = 1): 1.8

Solubility In Water: 3.5 @ 70 F

Appearance and Odor: \*

Other Information: \* Appearance & Odor: Clear, colorless liquefied gas; slight ethereal odor

### X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Ignition sources (heat, open flame, spark), oxygen, oxidizers, acetic acid

Decomposition/By Products:

Violent decomposition can occur if heated in the presence of peroxides.

Hazardous Polymerization:

Has not been reported.

### XI. Toxicological Information:

Respiratory tract irritant. May cause freeze-burns to the skin and eyes.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

### XIV. Transport Information:

Keep in closed container. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Wash thoroughly after handling.

IATA

Shipping name: Aerosols, flammable

Hazard class: 2.1

UN no.: 1950

Flammable gas!

### XV. Regulatory Information:

Dimethyl ether is listed on the TSCA inventory.

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***XVI. Other Information:***

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.