

MSDS - Material Safety Data Sheet**Product Name: Gas Power Unit**

MSDS No.: 637C1

I. Basic Information:**Manufacturer:** Sirchie Finger Print Laboratories**Address:** 100 Hunter Place**City, ST Zip:** Youngsville, NC 27596**Country:** USA**Contact:** Tech Support**Information Telephone Number:** 919-554-2244**Emergency Contact:** ChemTrec**Emergency Telephone Number:** 800-424-9300**Emergency Restrictions:****Product Name:** Gas Power Unit**MSDS No.:** 637C1**Issue Date:** 11/15/2011**Supersedes Date:** Not Available**II. Hazards Identification:****EMERGENCY OVERVIEW**

FLAMMABLE! Respiratory irritant. Skin and eye irritant. Liquefied gas may cause freeze-burns to the skin and eyes. May cause central nervous system depression.

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects**Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute: Central nervous system depression, freeze-burns to the skin and eyes

Signs and Symptoms:

Inhalation: Dizziness, disorientation, headache, excitation, anesthesia

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Other Health Warnings:

Not Available

Potential Environmental Effects

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

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Isobutane	75285	51-70	
Propane	74986	31-50	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

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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: Flush skin with plenty of soap and water for at least 15 minutes. For freeze-burns or if irritation develops, 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. For freeze-burns or if irritation develops, seek medical attention.

Call a Poison Control Center.

Note to Physicians:

Not Available

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Carbon dioxide, dry chemical, foam

Unsuitable Extinguishing Media:

Wear self-contained breathing apparatus and protective clothing.

Products of Combustion:

Treat as cylinders of compressed gas. Vapors may be heavier than air. They may spread along the ground and collect in low or confined areas. Vapors from this product may travel some distance from original point to an ignition source and flash back.

Protection of Firefighters:

Wear normal turnout gear.

VI. Accidental Release Measures:

Personal Precautions:

Wear vapor respirator, safety goggles, and rubber gloves.

Environmental Precautions:

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

Methods for Containment:

Ventilate area.

Methods for Cleanup:

Remove sources of ignition (i.e. open flames, sparks). Soak up with inert absorbent material (do not use flammable substances such as sawdust). Ventilate spill site after collection.

Other Information:

.Dispose according to local, state, and federal regulations pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA).

VII. Handling and Storage:

Handling Precautions:

Keep in closed container. Avoid all ignition sources (heat, open flame, spark). Do not store in direct sunlight. Avoid temperatures above 120 F. Avoid incompatible materials. Use only in well-ventilated areas. Wash thoroughly after handling.

NFPA Code 30B Classification--Level 3

Storage Precautions:

Highly Flammable

DO NOT smoke while spraying. Intentional misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

VIII. Exposure Controls/Personal Protection:

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Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Propane	1,000 ppm	1,000 ppm	-156 F
Isobutane	1,000 ppm	1,000 ppm	Not Available

Engineering Controls:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, polyethylene or neoprene gloves, vapor respirator

IX. Physical and Chemical Properties:**Boiling Point:** NE**Boiling Range:** Not Available**Solubility In Water:** Negligible**Flash Point:** -50 F**Odor Threshold:** Not Available**Vapor Density (AIR = 1):** >1**pH Range:** Not Available**Decomposition Temp:** Not Available**Lower Explosive Limit:** 1.8**Specific Gravity (H2O = 1):** Not Available**Other Information:** * Appearance & Odor: Clear, colorless gas; hydrocarbon odor**Melting Point:** NE**Freezing Point:** Not Available**Evaporation Rate (Butyl Acetate = 1):** >1**Flash Point Method:** Not Available**Appearance and Odor:** *Clear, colorless gas, hydrocarbon odor**Vapor Pressure (mm Hg.):** 3,620**Partition Coefficient:** Not Available**Auto-Ignition Temp:** Not Available**Upper Explosive Limit:** 9.5**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Not Available

Incompatible Materials:

Oxygen, strong oxidizing materials, ignition sources (heat, open flame, spark)

Hazardous Decomposition Products:

Carbon monoxide & dioxide

Possibility of Hazardous Reactions:

Has not been reported.

XI. Toxicological Information:

FLAMMABLE! Respiratory irritant. Skin and eye irritant. Liquefied gas may cause freeze-burns to the skin and eyes. May cause central nervous system depression.

XII. Ecological Information:

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

XIII. Disposal Considerations:

DO NOT puncture or incinerate. Dispose empty containers according to local, state, and federal regulations. Full or partially filled containers are considered hazardous waste.

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XIV. Transport Information:

Shipping Name: Not Available

DOT Hazard Class: 2.1

DOT Subsidiary Hazard Class: Not Available

UN/NA#: UN1950

Packing Group: Not Available

Transportation Information:

Keep in closed container. Avoid all ignition sources (heat, open flame, spark). Do not store in direct sunlight. Avoid temperatures above 120 F. Avoid incompatible materials. Wash thoroughly after handling.

IATA

Shipping name: Aerosols, flammable

Hazard class: 2.1

UN no.: 1950

Flammable gas!

XV. Regulatory Information:

Regulated for transport: Flammable gas

XVI. Other Information:

- Chemical State:** Liquid Gas Solid
- Chemical Type:** Pure Mixture
- Hazard Category:**
- Acute Chronic Fire
- Pressure Reactive



Additional Manufacturer Warnings:

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

1	Health
4	Flammability
1	Physical Hazard
G	Pers. Protection

Additional Product Information:

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.