

Section 1 – Chemical Product and Company Identification

MSDS Name: Floralife® Leafshine (250 ml/750 ml aerosol)

Product Numbers: 7036, 7039

Company Identification:

Floralife, Inc.
751 Thunderbolt Drive
Walterboro, SC 29488
Telephone Number: 843-538-3839
Fax Number: 843-538-3949
Emergency Number: 843-217-7609

Section 2 – Composition, Information on Ingredients

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Percent (%)</u>
Propane / Butane	74-98-6 / 106-97-9	40-60%
Isoparaffin	64741-65-7	15-25%
Isopropanol	67-63-0	5-10%

Section 3 – Hazards Identification

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation.
Inhalation Hazard: High doses may cause nasal or lung irritation.
Ingestion Hazard: May cause stomach and/or throat irritation.

Section 4 – First Aid Measures

Eye Contact: Wash with water for 15 minutes. Contact physician.
Skin Contact: Wash with water. If irritation develops contact physician.
Inhalation: Remove to fresh air. In case of irregular breathing, apply artificial respiration. If unconscious place in recovery position and seek medical advice.
Ingestion: Rinse mouth. Seek medical advice. DO NOT INDUCE VOMITING.

Section 5 – Fire Fighting Measures

Flash Range: < 32 F
Explosive Range: Do not expose to temperatures exceeding 122 F (50 C).
Flammable Properties: Avoid excessive heat and sources of ignition.
Extinguishing Media: Alcohol resistant foam, CO2, dry powder, water spray.
Fire Fighting Instructions: Do not use water jet as this will scatter the containers and spread the fire. Use self-contained breathing apparatus.

Section 6 – Accidental Release Measures

Clean up
On soil: Physically collect containers. In case of liquid spills, absorb onto soil or sand and dispose of as Hazardous Waste.
On water: Physically collect containers.

Section 7 – Handling and Storage

Handling: Keep away from children. Avoid sources of ignition. Do not smoke while using this product. Avoid contact with skin and eyes. Handle and open containers carefully. Use only in well ventilated area. Vapors are heavier than air so may spread along floors to a remote source of ignition.

Storage: Store in a cool, dry place out of direct sunlight. Keep container closed when not in use.

Section 8 – Exposure Controls, Personal Protection

Exposure Limits:	ACGIH:	NIOSH:	OSHA PELs:
Butane	1000 ppm	800 ppm, 1900 mg/m ³	800 ppm
Propane	1000 ppm	TWA	1000 ppm
Isoparaffin	100 ppm		100 ppm
Isopropanol	200 ppm (8 hr. TWA) 400 ppm (STEL)		400 ppm

Engineering Controls: Ensure good ventilation.

Eyes: None required under normal circumstances, but use goggles when splash hazards exist.

Skin: None required under normal use. Wear rubber or PVC gloves for prolonged or repeated contact.

Respirators: None under normal use conditions. If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Section 9 – Physical and Chemical Properties

Form: Liquified Gas

Appearance/Color: Aerosol

Odor: Alcohol

Flash Point: < 32 degrees F (< 0 degrees C)

Density: 0.65 g/ml

Section 10 – Stability and Reactivity

Stability: This product is stable under normal recommended storage conditions.

Conditions to Avoid: Avoid excessive heat and sources of ignition.

Materials to Avoid: Oxidizing agents.

Hazardous Polymerization: Hazardous polymerization will not occur.

Section 11 – Toxicological Information

No toxicity data is available but based on ingredients, is not considered hazardous to human health under normal circumstances of use. However, inhalation of vapors in high concentrations may lead to irritation of eyes, nose and respiratory tract.

Section 12 – Ecological Information

No data available but based on product ingredients, not considered hazardous to

the environment. Slightly endangering to water (sea).

Section 13 – Disposal Considerations

Review and observe all local, state and federal regulations for disposal. Dispose of product as hazardous waste. Do not incinerate or puncture packaging container.

Section 14 – Transportation Information

UN No. 1950, Classification Code: 5F
Proper Shipping Name: Aerosols, flammable
Hazard Label: Flammable gas (2.1)
IMO-IMDG Class: 2
ICAO/IATA Classification: 2
Packing Group: Not applicable

Section 15 – Regulatory Information

SARA Title III Section 313 Information: This product contains none of the substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization act.

Section 16 – Other Information

DISCLAIMER: The information in this MSDS has been gathered from standard reference materials. This information is offered for the users' consideration, investigation and verification. Floralife, Inc. makes no warranty, expressed or implied, with respect to the use or reliance on the same. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all local, state and federal regulations and to consult the appropriate agency for information.

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