

Section 1: Identification

Product Name: Splat GM-O
Product Code: Splat GM-O

Manufacturer: ISCA TECHNOLOGIES, Inc.
1230 Spring Street
Riverside, CA 92507
www.iscotech.com

Emergency Phone Number: 951 686 5008

Recommended Use: For the control of Gypsy Moth, *Lymantria dispar*. SPLAT GM-O uses the pheromone of the gypsy moth (*Lymantria dispar*), to disrupt adult moth mating and thus reduce larval damage to trees.

Section 2: Hazard Identification

GHS-US classification and Hazard Statement:

- H305 - May be harmful if swallowed and enters airways
- H316 - Causes mild skin irritation
- H320 - Causes eye irritation
- H333 - May be harmful if inhaled

Hazard Pictograms:



GHS07

Precautionary Statements:

- P102 - Keep out of reach of children
- P103 - Read label before use
- P270 - Do not eat, drink or smoke when using this product
- P233 - Keep container tightly closed.
- P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
- P280 - Wear eye protection, protective clothing, protective gloves
- P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P312 - Call a POISON CENTER or doctor if you feel unwell
- P337+P313 - If eye irritation persists: Get medical advice/attention
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed
- P235 - Keep cool
- P501 - Dispose of contents/container according to local, regional, national, and international regulations

SECTION 3: Composition/information on ingredients

Active Ingredient

Name	CAS #	Molecular Mass	Molecular Formula	Chemical Name	GHS-US Classification
Disparlure	29804-22-6	282.50	C ₁₉ H ₃₈ O	Cis-7,8-Epoxy-2-methyloctadecane	H227, H316, H320, H335

SPLAT GM-O (Mixture: Active Ingredient + Inert Ingredients)

Name	CAS #	Molecular Mass	Molecular Formula	Chemical Name	GHS-US Classification
Splat GM-O	Not applicable (mixture)	Not applicable	Not applicable	Not applicable	H305, H316, H320, H333

Note: The inert ingredients consist of water, wax, oils and food grade emulsifiers and preservatives.

SECTION 4: First aid measures

Description of first aid measures

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

Skin: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Call poison control center or doctor immediately for treatment advice. Do NOT induce vomiting unless told to do so by poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

Notes to Physician: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

SECTION 5: Firefighting measures

Suitable Extinguishing Media: Not applicable. Splat GM-O is not flammable.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow the manufacturer's instructions for cleaning maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Environmental precautions: For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Incidental applications to water under the forest canopy are not considered to be a direct application to water, but should be avoided if practicable. Spray valves must be shut off when passing over surface water not under the canopy. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Methods and material for containment and cleaning up: In case of leak or spill, wipe with paper towel and dispose of waste when product hardens. Clean equipment with water and citrus or limonene detergents.

Section 7 - Handling and Storage

Storage: Store product sealed and refrigerated, if possible. If refrigerated, do not store with food. If refrigeration is not available, store product in a cool dry place, out of direct sunlight. Do not exceed 75°F for long-term storage. Avoid freezing.

Incompatible materials: Keep away from heat, oxidizers and strong acids.

SECTION 8: Exposure controls/personal protection

Exposure Controls:

Engineering Controls: Safety shower and eye wash.

Personal Protective Equipment: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow the manufacturer's instructions for cleaning maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Safety goggles are recommended.

General Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Section 9 - Physical and Chemical Properties

Active Ingredient:

Physical state:	Liquid	Specific Density:	0.844±0.06 g/cm ³ Temp: 20 °C
Odor:	Waxy, fatty	Partition coefficient n-octanol/water:	Log P: 8.540±0.253 Temp: 25°C
pH:	Not applicable	Solubility:	Not soluble in water. Soluble in most organic solvents
Melting point:	Data Not Available	Evaporation Rate:	Data Not Available
Boiling point:	340.6±10.0 °C @ Press: 760 Torr	Vapor Pressure:	1.68E-4 Torr. Temp: 25 °C
Flash Point:	Flash Point: 139.7±15.9 °C		

SPLAT GM-O (Mixture: Active Ingredient + Inert Ingredients)

Physical state:	Thick liquid, semi-solid, grease-like consistency	Specific Density:	0.93 g/cm ³ Temp: 25 °C
Odor:	Waxy, fatty	Partition coefficient n-octanol/water:	Data not available
pH:	6.88	Solubility:	Partially soluble in water
Melting point:	Data Not Available	Evaporation Rate:	Data Not Available
Boiling point:	Above 100°C	Vapor Pressure:	Data not available
Flash Point:	Not applicable. Product is not flammable		

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: High temperatures, sparks, open flames and live electrical circuits.

Incompatible materials: Oxidizing agents, strong acids.

Hazardous decomposition products: In case of fire oxides of carbon, fumes or vapors, soot and smoke may be produced.

Section 11 - Toxicological Information

Active Ingredient:

Acute oral LD₅₀ (rat) : >34600 mg/kg

Acute dermal LD₅₀ (rabbit): >2025mg/kg

Inhalation LC₅₀ (rat): >5000mg/m³

SPLAT GM-O (Mixture: Active Ingredient + Inert Ingredients):

Toxicological properties of this product have not been thoroughly investigated.

Section 12 - Ecological Information

Data is not available.

Product should not be directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Incidental applications to water under the forest canopy are not considered to be a direct application to water, but should be avoided if practicable. Spray valves must be shut off when passing over surface water not under the canopy. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Section 13 - Disposal Considerations

Appropriate Method of disposal: Contact a licensed professional waste disposal service to dispose of this material. This material may be burned in a chemical incinerator equipped with an afterburner and scrubber or disposed in a sanitary landfill in accordance with local, state, and federal regulations. Observe all federal, state, and local environmental regulations .

Section 14 - Transport Information

Transport in accordance with local, state and federal regulations.

Section 15 - Regulatory Information

US Classification and label Text: Indication of Danger: Irritant. Safety Statements: Keep away from heat – no smoking.

United States Regulatory information: SARA Listed: No

Section 16 - Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Isca Technologies, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Furthermore, Isca Technologies, Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer as described in Section 1.