

Safety Data Sheet

Part I: What is the material and what do I need to know in an Emergency?

Part II: What should I do if a hazardous situation occurs?

Section 1 IDENTITY (As Used on Label and List)

Product Name: Ambush	
Manufacturer's Name: St. Gabriel Organics	Emergency Telephone Number: 800 801 0061 Toll Free
Address: 14044 Litchfield Drive Orange, VA 22960	Telephone Number for Information: 540 672 0866

Section 2 Hazard Identification

GHS-US Classification:

Skin corrosion/irritation, Category 1	H315 H317	Causes skin irritation May cause an allergic skin reaction
Serious eye damage/eye irritation, Category 2	H319	Causes sereious eye irritation

GHS-US Hazard pictogram

Signal Word



WARNING

EMERGENCY OVERVIEW: This is a white/off-white powder. This product presents a slight irritation hazard (in terms of irritation due to inhalation, contact with skin, or contact with eyes). This product presents no significant flammability hazards. Materials must be preheated before ignition can occur. Emergency responders must wear personal protective equipment suitable for the situation to which they are responding.

Signs and Symptoms of Exposure: Exposure to dust may result in coughing, wheezing, shortness of breath, tightness of chest, irritation of the upper respiratory tract and damage to lung tissue.

Inhalation: Irritations of the upper respiratory tract and lungs may result from accidental or chronic occupational exposure to the dust of this product. Dust may also cause lung damage when inhaled.

Medical Condition Generally Aggravated by Exposure: Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by exposure to dust.

Possible Effects of Single Exposure: Acute exposure may cause upper respiratory irritation.

Eye Contact:

P305 + P351 + P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Causes serious eye irritation. May cause impairment of vision or corneal damage. DO NOT PUT IN EYES.

P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin Contact:

P264 + P280 - Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

P302 +P352 - If on skin: Wash with plenty of water. May cause an allergic skin reaction.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing and wash before reuse.

This product is classified in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 3 Composition/Information on Ingredients:

Ingredients:	CAS NO.	%W/W	OSHA PEL/TWA:	ACGIH TLV/TWA	NIOSH REL/TWA
Octanoic acid, sodium salt	1984-06-1	≤ 58%	na	na	na
Citric acid	77-92-9	23%	15mg/m ³	10mg/m ³	5mg/m ³
Sodium Lauryl Sulfate	151-21-3	9%	na	na	na
Clove Oil	8000-34-8	9%	na	na	na

Section 4 First Aid Measures

Eye Contact: Flush with copious amounts of cool water for 15 minutes. Remove contact lenses. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water. Remove contaminated clothing. If a rash develops, seek medical advice.

Inhalation: Remove person to fresh air. If breathing is difficult, give oxygen.

Ingestion: Do NOT induce vomiting. Rinse mouth with water and seek medical help immediately.

Section 5 Fire Fighting Measures

No data available on direct or indirect fire hazard. No data available on direct or indirect explosion hazard.

Extinguishing Media: Water spray, dry chemical, CO₂, or alcohol-resistant foam.

Protective Equipment: Wear self-contained breathing apparatus (SCBA) and full protective gear.

Flash Point: ND	Autoignition Temperature: ND	Hazardous Decomposition Products: ND
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Explosion hazard: ND	LEL: NA	UEL: NA	
Specific Hazards: Thermal decomposition can lead to release of dense irritating gases and vapors (carbon oxides).			
Section 6 Steps to Be Taken in Case Material is Released or Spilled			
In case of spill: Ventilate spillage area. Mark the danger area (slipping hazard). Wear appropriate PPE (nitrile gloves, eye protection, N95 mask, long sleeves, pants, and covered shoes). Use wet methods to suppress dust. Scoop and/or sweep up and transfer to a closed container, or use vacuum fitted with a HEPA filter. Transfer any broken bags to new bags without emptying. Wipe area with damp rag. Special precaution: contacted areas will remain slippery unless thoroughly cleaned. Place waste in a closed container for disposal at an authorized site.			
Environmental Precautions: Prevent entry into waterways or sewers.			
Waste Disposal Method: Bury as non-toxic waste in an approved landfill.			
Part III: How can I prevent hazardous situations from occurring?			
Section 7 Handling and Storage			
Work/Hygienic Practices: Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off. Appropriate PPE should be used. Wash hands after handling.			
Handling and Storage: Use techniques that minimize generating dust. Keep container tightly closed in a dry, cool, and well-ventilated place.			
Incompatible materials: Strong oxidizing agents. Product may be corrosive to base metals (copper, brass, zinc) and certain plastics (acetate, vinyl, latex).			
Section 8 Exposure Controls and Personal Protection			
Ventilation and Engineering Controls: Use with adequate ventilation to prevent inhalation of dusts. Manufacturing operations should be directed at minimizing the generation of aerosolized dust. Eyewash stations should be located near areas where this product is being handled.			
Respiratory Protection: If handling open containers, use adequate ventilation. Use a NIOSH-approved N95 (or higher) dust mask.			
Eye Protection: Splash goggles, face shield, or safety glasses with protective side shields should be worn.			
Hand Protection: Nitrile, neoprene, or butyl rubber protective gloves should be worn. Avoid using latex or vinyl gloves, as clove oil may degrade these materials.			
Other Protective Clothing or Equipment: Long sleeves, pants or coveralls, and covered shoes are recommended to prevent dust-to-skin contact.			
Section 9 Physical and Chemical Properties			
Physical state: solid/powder		Color: white or off-white	
		Odor: clove, spicy	
Bulk Density: 28-39 lb/ft³		Melting range: 150°C - 205°C	Decomposition: Starts at > 100°C, with significant breakdown at > 175°C
Vapor Density: NA	Sp Gravity (H2O:1) = ND		Solubility in water: soluble
		pH: 4.8 - 5.0 (10% solution)	
Vapor Pressure: NA	Odor Threshold: NE	Coefficient of Oil/Water Distribution (Partition Coefficient): ND	
Flammability: ND	Viscosity: ND	Evaporation Rate: NA	Flash Point: ND
		VOC: 0%	Boiling Point: ND
		Melting Point: ND	
How to Detect this Substance: The appearance and scent (clove oil) of this product may act as distinguishing characteristics.			
Section 10 Stability and Reactivity			
Stability: Stable/Inert	Hazardous Polymerization: None		Incompatible with strong oxidizers
Soluble in water/aqueous solutions		Conditions to Avoid: None under recommended storage and handling instructions (Section 7)	
Hazardous Decomposition Products: NA			
Part IV: Is there any other useful information about this material?			
Section 11 Toxicological Information			
Symptoms Summary: Causes serious eye irritation and skin irritation. May cause an allergic skin reaction (sensitization) due to clove oil. Inhalation of dust may irritate the respiratory tract.			
Numerical Measures (Ingredient Data):			
Sodium Caprylate (≤ 58%): LD50 Oral (Rat): ~2,000 mg/kg.			
Citric Acid (23%): LD50 Oral (Rat): 3,000 mg/kg			
Clove Oil (9%): LD50 Oral (Rat): 1,370 - 2,650 mg/kg.			
Sodium Lauryl Sulfate (9%): LD50 Oral (Rat): 1,288 mg/kg; LC50 Inhalation (Rat): >3,900 mg/m³ (1h).			
Section 12 Ecological Information			
Ecotoxicity Summary: Toxic to aquatic life with long-lasting effects. Avoid release to the environment.			
Component Data:			
Clove Oil: LC50 (Fish, 96h): ~0.5 mg/L.			
Sodium Lauryl Sulfate: LC50 (Fish, 96h): 1.3 - 13.9 mg/L.			
Persistence: All components (Clove oil, SLS, Citric Acid, Sodium Caprylate) are readily biodegradable.			
Section 13 Disposal Considerations			
Waste disposal must be in accordance with U.S. Federal, State and local regulation or those of Canada and its Provinces. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous regulatory authority.			
U.S. EPA Waste Number: Not applicable			
Section 14 Transportation Information			
THIS MATERIAL IS NOT HAZARDOUS PER 49 CFR 172.101			
DOT (Land): Not Regulated.		IMDG (Sea): Not Regulated.	IATA (Air): Not Regulated.
Section 15 Regulatory Information			
SARA 311/312 Hazard Categories:			
Acute Health Hazard: Yes (Irritation/Sensitization)		Chronic Health Hazard: Yes (Sensitization)	

Fire Hazard: No	Sudden Release of Pressure: No	Reactive Hazard: No	
SARA 313: This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.			
California Proposition 65 - This product does not contain any substances known to the State of California to cause cancer, developmental and/or reproductive harm.			
Reporting Requirements: The components of this product are not subject to the reporting requirements of U.S. Superfund Amendments and Reauthorization Act (SARA), Title III, Sections 302, 304, and 313. This product may be subject to SARA 311/312 reporting if inventory thresholds are exceeded at your facility. US TSCA Inventory Status: All components are listed on the TSCA Inventory. However, this product is exempt from TSCA regulation when used as a pesticide under FIFRA. U.S. State Regulatory Information: This product is a Minimum Risk Pesticide and is exempt from Federal registration under FIFRA Section 25(b). However, registration is still required in most individual States. Other Regulatory Information: This product meets the requirements of 40 CFR 152.25(b) for Minimum Risk Pesticides. All active and inert ingredients are permitted for use in 25(b) products.			
FIFRA Classification: This product is exempt from registration with the federal EPA as a 25(b) minimum risk pesticide. EPA Establishment Number: 63161-VA-1			
Section 16 Other Information			
National Fire Protection Association (NFPA)			
Health (Blue):	2	Hazardous; Personal Protective Equipment (PPE) For eyes/skin: Dust masks, Gloves, and Safety Glasses recommended	
Flammability (Red):	1	Must be preheated to burn; clove oil has a high flash point	
Reactivity (Yellow):	0	Stable	
Specific Hazard (White):	None	N/A	
HMIS Ratings:			
Health: 2	Flammability: 1	Physical Hazard: 0	Personal Protection: X (Ask supervisor / See Section 8)
Waiver: The above information is believed to be correct, but does not purport to be all inclusive. This data should be used only as a guide in handling this material. Ambush/St. Gabriel Organics shall not be held liable for any loss, damage, injury, or expense resulting from use, handling, or from direct contact with this product.			
Last Revised: May 11, 2026			