

SAFETY DATA SHEET

SDS Ref. No:

A1324



Amoretti® 522

1. Identification

Product identifier used on the label: Amoretti® 522

Recommended use: Culinary Ingredient

Other means of identification: Gingerbread Extract W.S.

Restrictions on Use: None

Manufacturer/Supplier

Amoretti®

Noushig Inc.

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Oxnard, CA 93030

Phone: 1-800-AMORETTI

Phone: 1-805-983-2903

EMAIL: info@amoretti.com

WEBSITE: www.amoretti.com

24 HR Emergency Telephone Numbers

CHEMTREC : (800) 424 - 9300

Outside the U.S. Call Collect : 001 (703) 527-3887

2. Hazards Identification

Classification of the chemical substance in accordance with paragraph (d) of 1910.1200

This product is considered to be hazardous in accordance with paragraph (d) of 1910.1200 (Hazard Communication).

GHS Classification:

Skin Sensitizer Category 1

GHS Signal Word:

Warning

GHS Hazard Symbol:



GHS Hazard Statements:

H317 - May cause allergic skin reaction

Precautionary Statements (Safety):

P280 - Wear protective gloves, protective clothing.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P261 - Avoid breathing vapors/spray/fumes

Precautionary Statements (First Aid):

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333+P313 - If skin irritation occurs, get medical attention.

P363 - Wash contaminated clothing before reuse

Precautionary Statements (Disposal):

P501 - Dispose of contents/container in accordance with

local/regional/national/ international regulations.

Hazards Not Otherwise Specified: None

3. Composition/information on ingredients

Hazardous Ingredients	GHS Classification	Wt. %	CAS#
Limonene	Acute Tox (oral) 4; Skin Irrit 2; Skin Sens 1	<1	7705-14-8

See Section 8 for Exposure Limits

4. First aid measures

Description of first aid measures

Following contact with eyes: Flush eyes with plenty of water. Get medical attention, if irritation develops or persists.

Following contact with skin: Take off contaminated clothing and wash before reuse. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention

Following Ingestion: Normally not needed. Do not induce vomiting.

Following Inhalation: Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

Potential effects of overexposure:

May cause an allergic skin rash.

Indication of any immediate medical attention and special treatment:

No additional first aid information available

5. Firefighting measures

Extinguishing media: In case of fire, use extinguishing media suitable for surrounding fire.

Special hazards arising from the mixture: None known

Advice for firefighters: As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear gloves to prevent skin contact. Wash thoroughly after handling. Launder clothing before reuse.

Environmental precautions

As with all chemicals, use of good chemical hygiene and environmental stewardship practices is recommended.

Methods and material for containment and cleaning up

Absorb spill then place in appropriate container for disposal. Clean up spill immediately. Spilled material may pose a slip hazard.

Reference to other sections Refer to Section 8, Exposure Control/Personal Protection.

7. Handling and storage

Precautions for safe handling: Use with adequate ventilation. Avoid repeated or prolonged contact with skin. Follow good manufacturing practice (GMP) for housekeeping and personal hygiene. Avoid inhalation of concentrated vapors

Conditions for safe storage, including any incompatibilities: Store in original shipping container and keep tightly sealed to maintain product quality.

8. Exposure controls / personal protection

Control Parameters:

HAZARDOUS COMPONENTS

	EXPOSURE LIMITS			
	OSHA PEL		ACGIH TLV	
Chemical Name	ppm	mg/m ³	ppm	mg/m ³
Limonene TWA	Not Established	Not Established	Not Established	Not Established

Exposure Controls:

Appropriate engineering controls: Good general ventilation should be sufficient to control airborne levels. A system of local and/or general exhaust is recommended where employee exposures are at or above Occupational Exposure Limits (OELs)

Individual protection measures:

Eye/Face protection: Follow facility guidelines

Skin protection: Use of good chemical hygiene practices in the workplace is required. Wear gloves and long sleeves to prevent prolonged or repeated skin contact. Wash thoroughly after use. Launder protective clothing before reuse.

Respiratory protection: This mixture has not been tested as a whole. The hazards stated and related recommendations for Personal Protective Equipment are based on currently available information on the individual ingredients in the mixture.

Employers are urged to review information provided by the National Institute of Occupational Safety and Health (NIOSH) and the Flavor and Extract Manufacturers Association (FEMA) regarding respiratory protection programs for workers exposed to food flavorings. If occupational exposures are above permissible limits, a NIOSH approved respirator designated to control organic vapors is recommended. A respiratory protection program that meets OSHA 1910.134 requirements must be followed whenever workplace conditions warrant a respirator's use. Additionally, the recommendations found in the following documents are applicable to all chemicals used in the workplace:

“Preventing Lung Disease in Workers Who Use or Make Flavorings” NIOSH Publication No. 2004-110

“Respiratory Health and Safety in the Flavor Manufacturing Workplace” FEMA, 2003

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Odor: Characteristic

Color: brown

Odor Threshold: not determined

pH: not determined

Percent volatile: not determined

Vapor pressure: not determined

Vapor density: >1 (air = 1)

Relative density: not determined

Boiling point: not determined

Melting point: not determined

Evaporation rate: not determined

Solubility in water: Soluble

Oxidizing properties: None

Flashpoint: >200°F

Flammability: flammable

Viscosity: not determined

Autoignition temperature: not determined

N-octanol/water partition coefficient: log Pow: not determined

Explosion limits, lower: not determined

Explosion limits, upper: not determined

10. STABILITY AND REACTIVITY

Reactivity: Hazardous polymerization will not occur

Chemical Stability: This product is stable when properly handled and stored.

Possibility of hazardous reactions: none known

Conditions to avoid: Store away from heat, flame, other sources of ignition.

Incompatible materials: Strong acids, bases, and oxidizers.

Hazardous decomposition products: CO, CO₂, and hydrocarbons

11. TOXICOLOGICAL INFORMATION

Route(s) of exposure: eye contact, skin contact, ingestion, inhalation

Signs and symptoms of overexposure: May cause an allergic skin rash

Description of immediate effects:

Chemical Name	Dermal LD ₅₀	Oral LD ₅₀
Limonene	>2000 mg/kg (rabbit)	4400 mg/kg (rat)

Skin Corrosion/Irritation: Does not meet classification criteria.

Serious Eye Damage/Irritation: Does not meet classification criteria.

Respiratory or Skin Sensitization: Based on information available from the supplier, criteria is met. Causes allergic skin reaction. Calculation method.

STOT (Specific Target Organ Toxicity) Single Exposure: Does not meet criteria.

Description of delayed effects:

Chemical Name	NTP Status	IARC Status	OSHA Status
Limonene	Not Listed	Not Listed	Not Listed

Reproductive Toxicity: Not known or expected to cause reproductive harm.

Mutagenicity: Not known or expected to be mutagenic

STOT (Specific Target Organ Toxicity) Repeated Exposure: Does not meet criteria

Comments: This product has not been tested on animals. The toxicological information has been taken from available literature on the components.

12. ECOLOGICAL INFORMATION

Toxicity: No data available

13. DISPOSAL CONSIDERATIONS

Disposal method: This product, if discarded as sold, is not known to be a Federal RCRA hazardous waste. Processing, use, contamination or removal process may change waste management options. State and local disposal regulations may differ from federal disposal regulations. It is the generator's responsibility to properly classify wastes.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation)

Proper Shipping Name: Not regulated

IATA (International Air Transport Authority)

Proper Shipping Name: Not regulated

IMO (International Maritime Organization)

Proper Shipping Name: Not regulated

15. REGULATORY INFORMATION

United States

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Skin Sensitizer Category 1

16. OTHER INFORMATION

REVISION SUMMARY: This document replaces SDS dated 01/21/2014

Issue Date: 02/16/2017

Manufacturer disclaimer: The information presented herein is believed to be accurate and is given in good faith but is not warranted. No warranty, express or implied, is made. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of this product and the safety and health of employees. This product is a mixture of several components. Hazard determination is based on information currently available on the components of the mixture. Since hazardous and toxicological effects of the mixture are not fully known, the material may present unknown hazards and appropriate precautions for exposures in the workplace should be taken.

End of SDS