

SAFETY DATA SHEET



SDS Ref. No:

A2024

Amoretti® 1459

1: Identification

Product Identifier Used on the Label: Amoretti® 1459

Recommended Use: Culinary Ingredient

Uses advised against: None known.

Other Means of Identification: Natural POG Extract W.S.

Manufacturer/Supplier

Amoretti®

Noushig Inc.

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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 hazardous in accordance with paragraph (d) of §1910.1200 (Hazard Communication).

GHS Classification: Skin Sensitization Category 1
Serious Eye Damage/Eye Irritation Category 2B
Skin Irritation Category 2
Flammable Liquid Category 3

GHS Signal Word: Danger

GHS Hazard Symbol:



GHS Hazard Statements: May cause an allergic skin reaction.
Causes skin irritation and eye irritation
Flammable liquid and vapor

Precautionary Statements (Safety): Avoid breathing mist/vapors/spray
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.
Take precautionary measures against static discharge.
Use only non-sparking tools.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Ground/bond container and receiving equipment.
Keep container tightly closed.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Precautionary Statements (First Aid): 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.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with

water/shower.
 Wash contaminated clothing before reuse.
 If skin irritation or rash occurs: Get medical advice/attention
 In case of fire: Use carbon dioxide, dry chemical, alcohol-resistant foam or water fog for extinction.

Precautionary Statements (Disposal): P501 - Dispose of contents/container in accordance with local/regional/national/ international regulation for hazardous wastes.

Precautionary Statements (Storage): P403+P235 - Store in a well-ventilated place. Keep cool.
 P233 - Keep container tightly closed.

Other Hazards: None known

Hazards Not Otherwise Classified: None

3: Composition/information on ingredients

<u>Hazardous Ingredients</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>GHS Classification</u>
Glycerin	Balance	56-81-5	None
Ethanol	12 – 15	64-17-5	Flammable Liquids Category 2; Serious Eye Irritation Category 2B
Sweet Orange Extract	<0.8	68514-75-0	Flammable Liquid Category 3; Aspiration Toxicity Category 1; Skin Irritation Category 2; Skin Sensitization Category 1
Orange Oil	<0.25	8008-57-9	Flammable Liquid Category 3; Aspiration Toxicity Category 1; Skin Irritation Category 2; Skin Sensitization Category 1

4: First aid measures

Description of first aid measures

Following eye contact: Immediately flush eyes with plenty of water. Remove contact lenses if present and easy to do so. Get medical attention, if irritation persists.

Following skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Launder clothing before reuse.

Following ingestion: No harmful effects expected for occupational exposures. Do not induce vomiting. If you feel unwell, call your local Poison Control Center (1-800-222-1222 in the U.S) or a physician.

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

Potential effects of overexposure:

Causes eye irritation. May cause redness and tearing. Causes skin irritation. May cause an allergic skin rash.

Indication of any immediate medical attention and special treatment needed:

No additional first aid information available.

5: Firefighting measures

Extinguishing media: In case of fire: Use carbon dioxide, dry chemical, alcohol-resistant foam or water fog for extinction.

Special hazards arising from the mixture: Highly flammable liquid and vapor. Store away from heat, sparks, or other sources of ignition. Keep container tightly closed when not in use. No smoking. Keep container tightly closed when not in use.

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 and long sleeves. If splashing is possible, wear chemical splash goggles. Flammable. Protect from heat, spark and other sources of ignition. Launder contaminated clothing before reuse.

Environmental precautions: As with any spill, follow sound environmental management practice and chemical hygiene procedures. Do not flush to sewer. Clean up spills immediately.

Methods and material for containment and cleaning up: Flammable. Ventilate spill area. Clean up spills immediately. Protect from heat, spark, and other sources of ignition. Absorb spill with inert material (e.g. dry sand, clay) then place in appropriate container for disposal. Cover tightly.

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

7: Handling and storage

Precautions for safe handling: Use with adequate ventilation. Follow good manufacturing practice (GMP) for housekeeping and personal hygiene. Wear gloves and long sleeves. Avoid contact with eyes. Avoid inhalation of concentrated vapors. Launder contaminated clothing before reuse.

Precautions for safe storage, including any incompatibilities: Follow storage requirements for Flammable Liquids, Category 3, as described in 29 CFR 1910.106. Store in original shipping container and keep tightly sealed. Store in a cool, dry, well-ventilated area away from strong oxidizers. Protect from heat, spark, static discharge or other sources of ignition.

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
Ethanol	TWA	1000	1900	1000*	1880*
Sweet Orange Extract	TWA	NE	NE	NE	NE
Orange Oil	TWA	NE	NE	NE	NE

PEL = Permissible Exposure Limit; AL = Action Limit; NE = Not Established; RD = Respirable Dust; STEL = Short Term Exposure Limit; TD = Total Dust; TLV = Threshold Limit Value

*Ceiling or STEL

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: If handling large quantities in an industrial setting and splashing is possible, wear appropriate eye protection.

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 contaminated 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 – Update 2012" FEMA

9. Physical and chemical properties

Physical state: liquid
 Odor: characteristic
 Color: per specification
 Odor Threshold: not determined
 PH: not determined
 Percent volatile: not determined
 Vapor pressure: not determined
 Vapor density (air = 1): not determined
 Relative density: not determined
 Boiling point: >35 °C
 Melting point: not determined
 Evaporation rate: >1 (water = 1)
 Solubility in water: Soluble
 Oxidizing properties: None
 Flashpoint: >100 °F
 Flammability (solid/gas): not applicable
 Viscosity: not determined
 Auto ignition temperature: not determined
 N-octanol/water partition coefficient: 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.

Hazardous decomposition products: CO, CO₂, and hydrocarbons

Incompatible materials: Strong acids, bases, and oxidizers.

11. Toxicological information

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

Signs and symptoms of overexposure: Causes eye irritation. May cause redness and tearing. Causes skin irritation. May cause an allergic skin rash.

Description of immediate effects:

Chemical Name	Inhalation LC ₅₀	Oral LD ₅₀	Dermal LD ₅₀
Ethyl Alcohol	>20,000 ppm/10H (mouse)	>7060 mg/kg (rat)	
Sweet Orange Extract		>5000 mg/kg (rat)	>5000 mg/kg (rat)
Orange Oil		>4400 mg/kg (rat)	>5000 mg/kg (rat)

Skin Corrosion/Irritation: Classification criteria are fulfilled. May cause skin irritation. Calculation method.

Serious eye damage/irritation: Classification criteria are fulfilled. Causes eye irritation. Calculation method.

Skin sensitization: Classification criteria are fulfilled. May cause allergic skin reaction. Calculation method.

Reproductive effects: Does not meet classification criteria

STOT - Specific Target Organ Toxicity - Single Exposure: Does not meet classification criteria.

Description of delayed effects:

Carcinogenicity:

Chemical Name	NTP STATUS	IARC STATUS	OSHA STATUS
Ethyl Alcohol	Not Listed	Not Listed for occupational exposures	Not Listed
Sweet Orange Extract	Not Listed	Not Listed	Not Listed
Orange Oil	Not Listed	Not Listed	Not Listed

Mutagenicity: Not expected or known to be a mutagen.

STOT - Repeated Exposure: Data lacking for classification.

Comments: This product has not been tested on animals. The toxicological information has been taken from information provided by our suppliers on the components.

12. Ecological information

Environmental data: no information available

13. Disposal considerations

Disposal method: Dispose of this product in accordance with all applicable local, state, and federal regulations. This material may exhibit flammability characteristics of a hazardous waste and require appropriate analysis to determine specific disposal requirements. US EPA guidelines for classification determination are listed in 40 CFR Part 261.3. 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 their wastes.

14. Transportation information

DOT (Department of Transportation): Not regulated by ground or rail in non-bulk containers.

IATA (International Air Transport Department): UN1197, Extract Flavoring Liquid, Class 3, PG III

15. Regulatory information

United States

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Skin Sensitization Category 1; Serious Eye Damage/Eye Irritation Category 2B; Skin Irritation Category 2, Flammable Liquid Category 3

16. Other information

Revision summary: New SDS

Revision Date: 04/24/2021

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