

SAFETY DATA SHEET

Date-Issued 02/06/2015
SDS Ref. No: A1435



Amoretti® ART #49

1: Identification

Product Identifier Used on the Label: Amoretti® ART #49
Recommended use: Culinary Ingredient
Other means of identification: Toasted Marshmallow Artisan Flavor

Manufacturer/Supplier

Amoretti®
Noushig Inc.
451 Lombard Street
Oxnard, CA 93030
Phone: 1-800-AMORETTI
Phone: 1-805-983-2903
EMAIL: info@amoretti.com
WEBSITE: www.amoretti.com

24 HR. Emergency Response Numbers:

CHEMTREC : (800) 424 - 9300
Outside the U.S. Call Collect : 001 (703) 527-3887

2: Hazards Identification

GHS Classification: This product is not hazardous according to the classification criteria of the GHS (Globally Harmonized System for Classification and Labeling).

GHS Signal Word: None

Label elements

GHS Hazard Symbols: None

GHS P-Phrases (Safety): None

GHS P-Phrases (First Aid): None

3: Composition/information on ingredients

Hazardous Ingredients	GHS Classification	Wt.%	CAS#
Ethyl Alcohol	Flam Liq 2; Eye Irrit 2B; Skin Irrit 2	<2	64-17-5

4: First aid measures

Following eye contact: If irritation occurs, flush eyes with plenty of water. Get medical attention if irritation persists.

Following skin contact: Wash with soap and water.

Following ingestion: No adverse effects expected.

Following inhalation: No adverse effects expected. If irritation occurs, remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

Most important symptoms and effects, both acute and delayed: May cause transient eye irritation.

5: Firefighting measures

Extinguishing media: Use extinguishing media appropriate for surrounding fire.

Special hazards arising from the substance or 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

Small spill: Absorb spill then place in appropriate container for disposal. Residue left on floors presents a slip hazard. Do not walk through spilled material. Remove sources of ignition. Clean spill area with hot, soapy water. Dry thoroughly.

Large spill: Use same methods described for small spills.

Special protective equipment: Refer to Section 8, Exposure Control/Personal Protection.

7: Handling and storage

General procedures: Use with adequate ventilation. Avoid breathing concentrated vapors. Avoid contact with eyes.

Handling: Follow good manufacturing practice (GMP) for housekeeping and personal hygiene.

8: Exposure controls/personal protection

Control parameters:

		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Ethyl Alcohol	TWA	1000	1900	1000	1800

Exposure Controls:

Appropriate engineering controls: Use good general ventilation or local exhaust ventilation to minimize employee exposure and maintain operator comfort.

Individual control measures:

Eyes/Face protection: Follow facility guidelines.

Skin protection: Use of proper hygiene practices in the workplace is recommended.

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

Color: off white to tan

Odor: sweet, characteristic

Odor threshold: not determined
Flashpoint: >200°F.
Upper and Lower Explosion Limits: not determined
Autoignition Temperature: not determined
pH: not determined
Vapor pressure: 760 mm Hg @ 20°C
Vapor density (air = 1): >1
Relative Density (water = 1): ~1
Boiling point: ~212°F
Solubility (water): Soluble
Melting point: ~32°F
Evaporation rate (water = 1): ~1
Viscosity: not determined
Flammability (solid/gas): not applicable
N-octanol/water partition coefficient: not determined
Oxidizing properties: None

SECTION 10: Stability and reactivity

Stable: Yes
Hazardous polymerization: No
Hazardous combustion products: CO, CO2, smoke
Materials to avoid: Strong acids, bases, and oxidizers.

11: Toxicological information

Route(s) of exposure: eye contact, skin contact, ingestion, inhalation
Signs and symptoms of overexposure: May cause transient eye irritation.

Description of immediate effects:

Chemical Name	Inhalation LC ₅₀	ORAL LD ₅₀
Ethyl Alcohol	20,000 ppm/10H	7060 mg/kg (rat)

Skin effects: Draize test, rabbit, eye, 30 mg (ethyl alcohol)/24H Moderate

Reproductive effects: Prolonged and repeated ingestion of large quantities may cause harm to the developing fetus.

Description of delayed effects:

Chemical Name	NTP STATUS	IARC STATUS	OSHA STATUS
Ethyl Alcohol	Not Listed	Not Listed	Not Listed

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

12. ECOLOGICAL INFORMATION

Environmental data: 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: Transport 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:

Fire: NO Pressure Generating: NO Reactivity: NO Acute: NO Chronic: NO.

16: Other information

REVISION SUMMARY: New SDS

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