

SAFETY DATA SHEET

Date-Issued: 12/10/2014
MSDS Ref. No: A1409



Amoretti® 52

SECTION 1: Identification

Product Identifier:

Trade Name/Designation: Amoretti® 52
Alternate Means of Identification: Guava Extract

Relevant identified uses of the substance or mixture: Culinary Ingredient

Details of the supplier of the Safety Data Sheet:

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

Emergency Telephone Number:

24 hours per day/7 days per week (English only):
CHEMTREC: (800) 424 - 9300
Outside the U.S. Call Collect: 001 (703) 527-3887

2. HAZARDS IDENTIFICATION

GHS Classification: Flammable Liquid Category 3
GHS Signal Word: Danger

Label elements

GHS Label Pictogram:



GHS Hazard Statements: H226 - Flammable liquid and vapor.

Precautionary Statements (Safety): P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P243 - Take precautionary measures against static discharge.
P242 - Use only non-sparking tools.
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P240 - Ground/bond container and receiving equipment.
P233 - Keep container tightly closed.
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Precautionary Statements (First Aid): P370+P378 - In case of fire: Use carbon dioxide, dry chemical 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+P233 - Store in a well-ventilated place. Keep container tightly closed.
P233 - Keep container tightly closed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Ingredients | GHS Classification | Wt.% | CAS# |
|-----------------------|-------------------------------------|------|----------|
| Ethyl Acetate | Flam Liq 2; Eye Irrit 2A; STOT SE 3 | <2 | 141-78-6 |

See Section 8 for Exposure Limits

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 contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Following ingestion: May be harmful if ingested in concentrated form. May cause serious irritation to the mouth and throat. Do not induce vomiting. If ingested, 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.

Most important symptoms and effects, both acute and delayed:

Contact may cause eye irritation. May cause mild skin irritation. Excessive or prolonged inhalation may cause irritation, dizziness, nausea, or headache.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Flammable liquid and vapor. Store away from heat, sparks, or other sources of ignition. Keep container tightly closed when not in use.

EXTINGUISHING MEDIA: In case of fire: Use carbon dioxide, dry chemical or water fog for extinction.

FIRE FIGHTING PROCEDURES: 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 with inert material (e.g. dry sand, clay) then place in appropriate container for disposal. Spilled material may create a slip hazard. Floors will be extremely slippery. Clean up spill immediately. Do not walk through spilled material. Wash floors with hot, soapy water. Dry thoroughly.

LARGE SPILL: Dike spill and prevent from entering drains or sewer systems. Flammable. Ventilate spill area. Clean up spills immediately. Protect from heat, spark, and other sources of ignition. Absorb spill with inert material and place in appropriate container for disposal. Spilled material will create a slip hazard.

SPECIAL PROTECTIVE EQUIPMENT: Refer to Section 8, Exposure Control/Personal Protection.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin.

HANDLING: Follow good manufacturing practice (GMP) for housekeeping and personal hygiene. Avoid inhalation of concentrated vapors.

STORAGE: Follow storage requirements for flammable liquids 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 incompatible substances. Protect from heat, spark, static discharge or other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

| Chemical Name | TWA | EXPOSURE LIMITS | | | |
|---------------|-----|-----------------|-------------------|-----------|-------------------|
| | | OSHA PEL | | ACGIH TLV | |
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Ethyl Acetate | | 400 | 1400 | 400 | 1440 |

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: 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 hands thoroughly after handling. Contaminated clothing should be laundered 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

Color: yellowish

Odor: fruity

Odor threshold: not determined

Flashpoint: <100°F

pH: not determined

Percent volatile: <3%

Vapor pressure: not determined

Vapor density (air = 1) : >1

Relative Density (water = 1) : <1

Boiling point: not determined

Solubility (water): insoluble

Melting point: not determined

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Evaporation rate (water = 1) : <1

Viscosity: not determined

Lower explosion limit: not determined

Upper explosion limit: not determined

Autoignition temperature: Not determined

Partition coefficient n-octanol/water: Not determined

Flammability: not applicable

Oxidizing properties: None

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Heat, flame, other sources of ignition.

MATERIALS TO AVOID: Strong acids, bases, and oxidizers.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, and hydrocarbons

11. TOXICOLOGICAL INFORMATION

ACUTE

| Chemical Name | ORAL LD ₅₀ |
|--------------------------|-----------------------|
| Proprietary Component(s) | >5000 mg/kg (rat) |

CARCINOGENICITY

| Chemical Name | NTP STATUS | IARC STATUS | OSHA STATUS |
|--------------------------|------------|-------------|-------------|
| Proprietary Component(s) | 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: 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)

PROPER SHIPPING NAME: UN1197, Extracts, flavoring liquid, 3, III

15. REGULATORY INFORMATION**UNITED STATES**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: YES PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

| Chemical Name | Weight % | Reportable Quantity (RQ) |
|------------------------------|-----------------|---------------------------------|
| Proprietary Flavor Component | Proprietary | Not listed |

16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

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 MSDS