



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Marshmallow Flavor, Artificial

30-2699

Section 1: Identification

Product Name Marshmallow Flavor, Artificial

Commercial Name Not available

Product Use Food industry: component

Restrictions On Use Not available

Product Code 30-2699

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available

CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Not available
Response	Not available
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance: Not applicable. Mixture: Name: Proprietary Flavor Ingredieint- P122 3.7-4.46% Classification (GHS-US): Ac

Components Marshmallow Artificial Flavor

% By Weight Proprietary Flavor Ingredieint- P122 3.7-4.46% Proprietary Flavor Ingredient- P227 0.81-1.1 %

CAS# Not available

Molecular Weight Not available.

Chemical Formula Not available

Synonym(s) Not available

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
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Section 4: First-Aid Measures

Inhalation	Allow victim to breathe fresh air. Allow the victim to rest.
Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse
Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist
Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention
Symptoms/Effects	
Acute	Not available
Delayed	Not available.
Immediate Medical Attention	
Not available.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Foam. Dry powder. Carbon dioxide. Water spray. Sand

Unsuitable Extinguishing Media

Do not use a heavy water stream

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment Do not enter fire area without proper protective equipment, including respiratory protection

Section 6: Accidental Release Measures

Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters Methods and material for containment and cleaning up Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Section 7: Handling and Storage

Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Storage: : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Incompatible products : Strong bases. Strong acids. Incompatible materials : Sources of ignition. Direct sunlight

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Avoid all unnecessary exposure.
Personal Protection	Personal protective equipment: Avoid all unnecessary exposure. Hand protection : Wear eye protection and protective gloves. protective gloves. Eye protection : Chemical goggles or safety glasses. Respiratory protection : Wear appropriate mask.

Section 9: Physical and Chemical Properties

Appearance	liquid		
Odor	characteristic		
Odor Threshold	Not available		
Melting Point	Not available	pH	Not available
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	>200°F	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Miscible with water. Water: N/A		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Not available
Hazardous Polymerization	Not available.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures
Incompatible Materials	Strong acids. Strong bases
Hazardous Decomposition Products	fume. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

RTECS Not available

Acute Toxicity

Not available.

Skin Corrosion/Irritation

Not classified

Serious Eye Damage/Irritation

Not classified

Respiratory or Skin Sensitization

Not classified

Germ Cell Mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive Toxicity

Not classified

Routes of Entry

Not available

Symptoms Related to Exposure

Not classified

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Potential Health Effects

Not classified

Target Organ(s)

Not classified

Section 12: Ecological Information**Ecotoxicity**

LC50 fish 1 87.6 mg/l (96 h; Pisces)

Persistence and Degradability

Proprietary Flavor Ingredient- P227 Readily biodegradable in water. Forming sediments in water. Photodegradation in the air
THOD- 1.81g O2/g substance. BOD (% of ThOD)- (5day(s)) 0.529

Bioaccumulative Potential

Proprietary Flavor Ingredient-P122 Log Pow 0.97 Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).
Proprietary Flavor Ingredient-P227 Log Pow 1.61-1.88 Bioaccumulative Potential Low potential for bioaccumulation (Log Kow <4).

Mobility in Soil

No ecological information available at this time

Other Adverse Effects

No ecological information available at this time Other Information: Avoid release to the environment.

Section 13: Disposal Considerations**Waste Disposal**

Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials : Avoid release to the environment

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

In accordance with DOT Not regulated for transport

Section 15: Regulatory Information**Regulations**

Proprietary Flavor Ingredient - P122 Listed on the United States TSCA (Toxic Substances Control Act) inventory Proprietary Flavor Ingredient - P227 Listed on the United States TSCA (Toxic Substances Control Act) inventory Proprietary Flavor Ingredient - P280 Listed on the United States TSCA (Toxic Substances Control Act) inventory Proprietary Flavor Ingredient - p322 Listed on the United States TSCA (Toxic Substances Control Act) inventory

Other

Not available.

Section 16: Other Information

To the best of our knowledge, the information contained within this document is accurate. It is obtained and based on the most reliable sources; however, neither Lorann Oils, Inc nor any of its subsidiaries assumes any liability for the accuracy and completeness of the information herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with caution. Version: 1787 MSDS Revision: 11/16/2012 Supersedes: 2011 MSDS Written By: Beth Thelen, Regulatory Manager. Confidential & Proprietary Information of Lorann Oils, Inc