

## Material Safety Data Sheet



**Date Prepared**

March 9, 2019

**1. Identification**

Lychee

Product Name:

America Juice Co. USP Flavoring

Importers Name:

America Juice Co.  
 2861 Congressman Lane suite 300  
 Dallas, Texas 75220

Description:

USP natural & artificial flavorings mixed and steeped into vegetable glycerin, and propylene glycol.

**2. Composition/ Information of Ingredients**

Ingredient	Chemical Name	CAS #	Amount (% Weight per Volume)
Propylene Glycol, USP	1,3-propaneniol	57-55-6	*
Glycerin, USP	1,2,3-propaneniol	56-81-5	*
Natural and Artificial Flavors	-	-	*

\*The exact percentage (concentrate) of composition has been withheld as a trade secret

Ingredients:

Lychee Water Soluble Flavoring. Ingredients: Natural and Artificial Flavoring, Propylene Glycol, and Vegetable Glycerin

**3. Hazards Identification**

Emergency Overview:

Low risk for usual commercial and industrial handling. Effects on skin and eyes may be delayed and damage can occur without the sensation of pain necessity the strict adherence to the first aid measures in section 4 immediately below and to the exposure controls personal protection in section 8 below. Can decompose at high temperatures forming gases. If prolonged exposure to high heat ensues, then contents may develop pressure.

Inhalation:

Repeated overexposure may be harmful.

Skin Contact: No skin irritation is expected with normal use. However, skin irritation may occur with prolonged or excessive contact.  
Eye Contact: Direct exposure to large amounts may cause eye irritation, but no permanent eye injury is expected.  
Ingestion: No adverse effects expected with normal use.

#### **4. First-Aid Measures**

Inhalation: Provide with fresh air.  
Skin Contact: Remove all contaminated clothing and wash skin with plenty of water.  
Eye Contact: Rinse thoroughly with plenty of water and seek medical advice.  
Ingestion: Immediately drink plenty of water and seek medical advice.

#### **5. Fire Fighting Measures**

Extinguishing Media: CO<sub>2</sub>; Foam; Dry Chemical  
Special Procedures: Wear protective clothing to prevent contact with skin and eyes.

#### **6. Accidental Release Measures**

Person Related: Ensure supply of fresh air in enclosed rooms.  
Spills: Absorb spills with vermiculite or other suitable material and remove to an approved disposal container. Dispose in accordance with current laws and regulations.

#### **7. Handling and Storage**

Handling: No special handling required.  
Storage: Tightly closed and a well ventilated area. Store below 10 – 32°C (50-89.6°F).  
Avoid Freezing! Protect from sunlight. Protect from physical damage.

#### **8. Exposure Controls/ Personal Protection**

Exposure Limits: Avoiding contact with eyes, skin, and clothing  
Respiratory: No special requirements  
Eye Protection: Wear protective goggles  
Hand Protection: Wear suitable gloves

#### **9. Physical and Chemical Properties**

Form: Liquid  
Color: Clear/Milky  
Odor: Sweet  
Taste: Lychee  
Boiling Point: 182 – 290°C (359.6-554°F).  
Melting Point: 18 – 20°C (64.4-68°F).  
Flash Point: N/A  
Lower explosion: N/A  
Upper explosion: N/A  
Vapor Density: 3.17  
Air = 1.0

Specific Gravity @ 20°C: 1.04  
Solubility: Soluble in Water  
Hygroscopic

## 10. Stability and Reactivity

Stability: This product is stable under normal conditions.  
Conditions of Instability: Temperature is above the 149°C (300.2°F)  
Special Remarks on Reactivity: Product can react explosively with potassium chlorate, phosphorus trioxide, perchloric acid, chlorine, calcium hypochlorite, nitric acid, hydrofluoric acid, sulfuric acid, sodium peroxide, potassium permanganate, hydrogen peroxide, chromium trioxide, sodium hydride.  
Polymerization: Hazardous polymerizations above 149°C (300.2°F)

## 11. Toxicological Information

Toxicological Overview: This product is not classified as carcinogenic by OSHA, ACGIH, IARC, or NTP.  
Oral LD<sub>50</sub>: 12,600 mg/kg (rat)  
Dermal LD<sub>50</sub>: >10,000 mg/kg (rabbit)  
Inhalation LD<sub>50</sub>: >285mg/m<sup>3</sup> (rat, 4h)  
Further Information: May be harmful if inhaled, swallowed or absorbed through the skin

## 12. Ecological Information

Ecotoxicity: Not available; but, may be harmful to aquatic life  
Biodegradable: This product is biodegradable. Do not contaminate drinking water intakes, lakes, ponds, streams, or rivers. Do not contaminate domestic or irrigation water supplies.

## 13. Disposal Considerations

Waste Disposal: Disposal of waste product at an approved facility, not your own sewer system or normal garage. Comply with federal, state, and local regulations. It is the user's responsibility to determine whether hazardous waste criteria is met for the product at the time of disposal. This is because product uses, transformations, modifications, mixtures, processes, etc... could render the product hazardous under certain criteria.  
Packaging Disposal: Packaging contains residue. Thoroughly wash out the container prior to disposal.

## 14. Transport Information

DOT Classification: Not a DOT regulated material (United States)  
Identification: N/A  
Special Provisions for Transport: N/A

## 15. Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory  
Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).  
Other Classifications: None Necessary  
WHMIS (Canada): Not controlled under WHMIS (Canada)

DSCL (EEF): R36/38 – Irritating to eyes and skin. S2-Keep out of reach of children. S46- if swallowed, seek medical advice immediately and show this container or label.

HMIS: Health Hazard: 1  
Fire Hazard: 1  
Reactivity: 0  
Specific hazard:

National Fire Protection (USA): Health Hazard: 1  
Flammability: 1  
Reactivity: 0  
Specific hazard:

Protective Equipment: Gloves, lab coat, vapor respirator. Be sure to use an approved/ certified respirator or equivalent. Splash goggles.

## 16. Other Information

Other Information: The information contained herein is based on the present state of our knowledge. However, the data is provided without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for the use of this product and to assume liability for loss, injury, damage or expense relating from the improper use of this product.