Safety Data Sheet — Pink Guava Flavoring Oil

Revision Date: 08-Nov-2026 **Revision No.:** 1

Transport Symbol	GHS / WHMIS	NFPA	Personal Protective Equipment
Not controlled	 GHS07		 Goggles · Gloves · Respirator

SECTION 1: Identification

Product Name: Pink Guava Flavoring Oil

Synonyms: Pink guava fragrance

Intended Use: Fragrance for cosmetic and personal care products.

Restrictions on Use: Not for direct skin application in concentrated form. Use only within the maximum levels of the applicable IFRA standards for each product category (see Section 15).

Supplier: TKB Trading, LLC | 939 E 11th St, Oakland, CA 94606

Email: support@tkbtrading.com

Website: www.tkbtrading.com

Emergency Number: TKB Trading: 510-451-9011 (business hours) | Poison Control (US): 1-800-222-1222 (24/7)

Standard: OSHA HazCom 29 CFR 1910.1200 (HazCom 2024) / GHS Rev 7

SECTION 2: Hazards Identification

GHS Classification: Flammable Liquids — Category 4; Skin Sensitization — Category 1.

Hazard Pictograms: GHS07 (exclamation mark).



Signal Word: WARNING

Hazard Statements:

H227 — Combustible liquid.
H317 — May cause an allergic skin reaction.

Precautionary Statements:

Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response: P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see Section 4). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use CO_2, dry chemical powder or water spray to extinguish.

Storage: P403 Store in a well-ventilated place.

Disposal: P501 Dispose of contents/container in accordance with local, state and federal regulations.

Hazard-Determining Components: Lemon oil; aldehyde C-16; linalool; exaltolide; citral.

Hazards Not Otherwise Classified (HNOC): None known.

Other Hazards: Not a PBT or vPvB.

SECTION 3: Composition / Ingredients

Substance / Mixture: Mixture (fragrance compound).

Ingredient	CAS No.	Weight %	GHS-US Classification (pure ingredient)
Lemon oil	8008-56-8	>2.5 – <10	Flam. Liq. 3; Asp. Tox. 1; Skin Irrit. 2; Skin Sens. 1
Aldehyde C-16 (ethyl methylphenylglycidate)	77-83-8	>2.5 – ≤10	Skin Sens. 1
Fructone	6413-10-1	>2.5 – ≤10	Flam. Liq. 4
Ethyl maltol	4940-11-8	>2.5 – ≤10	Acute Tox. 3 (oral)
Linalool	78-70-6	>2.5 – ≤10	Skin Sens. 1B; Flam. Liq. 4
Ethyl caprylate	106-32-1	>2.5 – ≤10	Flam. Liq. 4
Vanillin	121-33-5	≤2.5	Acute Tox. 4 (oral); Eye Irrit. 2A
Ethyl butyrate	105-54-4	≤2.5	Flam. Liq. 3
Ethyl 2-methylbutyrate	7452-79-1	≤2.5	Flam. Liq. 3
Amyl acetate	123-92-2	≤2.5	Flam. Liq. 3
Diethyl succinate	123-25-1	≤2.5	Flam. Liq. 4
Hexyl acetate	142-92-7	≤2.5	Flam. Liq. 3
Ethyl acetoacetate	141-97-9	≤2.5	Flam. Liq. 4
Exaltolide (pentadecanolide)	106-02-5	≥0.1 – <1	Skin Sens. 1
Citral	5392-40-5	≥0.1 – <1	Skin Irrit. 2; Skin Sens. 1
Other fragrance ingredients and carriers	Proprietary	Balance	Not classified

Carriers may include isopropyl myristate (110-27-0) and propylene glycol (57-55-6), which are not classified. Exact percentages are withheld as a trade secret in accordance with 29 CFR 1910.1200(i).

SECTION 4: First Aid Measures

General: Immediately remove any clothing soiled by the product. Show this safety data sheet to the attending physician.

Inhalation: Move to fresh air and keep at rest. Get medical attention if symptoms develop. If unconscious, place in the recovery position and get medical attention.

Skin Contact: Immediately wash with soap and plenty of water and rinse thoroughly. If skin irritation or rash occurs, get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact: Rinse opened eye under running water for at least 15 minutes. Remove contact lenses, if present and easy to do; continue rinsing. If irritation persists, get medical advice/attention.

Ingestion: Rinse mouth with water. Do not induce vomiting (product contains citrus oil; aspiration risk if vomited). Get medical advice.

Symptoms: Skin: allergic skin reaction (redness, rash, itching) in sensitized persons after repeated contact.

Medical Attention: Treat symptomatically.

SECTION 5: Firefighting Measures

Suitable Media: Carbon dioxide (CO_2), dry chemical powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

Unsuitable Media: Full (solid) water jet — may spread burning liquid.

Special Hazards: Combustible liquid (flash point 65 °C). Vapors may ignite when heated above the flash point. Containers exposed to heat may build up pressure. Combustion may produce carbon monoxide and carbon dioxide.

Firefighter PPE: Wear self-contained breathing apparatus (SCBA) and protective clothing. Cool fire-exposed containers with water spray.

SECTION 6: Accidental Release Measures

Personal Precautions: Remove ignition sources. Avoid contact with skin and eyes; wear protective gloves and eye protection (see Section 8). Ensure adequate ventilation. Spilled product may make floors slippery.

Environmental: Do not allow to enter sewers, surface water or ground water.

Containment and Cleanup: Absorb with liquid-binding material (sand, diatomite, universal binder, sawdust). Place in a suitable closed container and dispose of according to Section 13.

Protective Action Criteria (PAC)	PAC-1	PAC-2	PAC-3
Amyl acetate (123-92-2)	100 ppm	500 ppm	3,000 ppm
Diethyl succinate (123-25-1)	3.6 ppm	40 ppm	240 ppm
Ethyl acetoacetate (141-97-9)	12 mg/m³	130 mg/m³	790 mg/m³
Isopropyl myristate (110-27-0)	81 mg/m³	900 mg/m³	5,400 mg/m³
Propylene glycol (57-55-6)	30 mg/m³	1,300 mg/m³	7,900 mg/m³

SECTION 7: Handling and Storage

Safe Handling: Avoid contact with skin and eyes; wear protective gloves. Ensure good ventilation/exhaust at the workplace and prevent formation of aerosols. Keep away from heat, sparks and open flames. Contaminated work clothing should not be allowed out of the workplace. Wash hands after handling.

Storage: Store in tightly sealed containers in a cool, dry, well-ventilated place, away from heat, sparks, open flame and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

SECTION 8: Exposure Controls / Personal Protection

Component (CAS No.)	OSHA PEL (TWA)	ACGIH TLV	Other
Amyl acetate (123-92-2)	100 ppm (525 mg/m³)	TWA 50 ppm; STEL 100 ppm	NIOSH REL 100 ppm
Citral (5392-40-5)	Not established	TWA 5 ppm (inhalable fraction and vapor); Skin; DSEN; A4	—
Vanillin (121-33-5)	Not established	Not established	WEEL (OARS): 10 mg/m³

Engineering Controls: Ensure good general ventilation; use local exhaust where mists or vapors may be generated.

Eye Protection: Safety glasses with side shields; goggles recommended during refilling.

Hand and Skin Protection: Impervious, chemical-resistant gloves (e.g., nitrile). Check glove breakthrough time before use.

Respiratory: Not normally required with adequate ventilation. For brief exposure use a respirator with organic vapor cartridge; for intensive or prolonged exposure use a supplied-air respirator, as part of a program meeting 29 CFR 1910.134.

Hygiene Measures: Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

SECTION 9: Physical and Chemical Properties

Physical State / Appearance: Liquid; clear yellow to golden yellow

Odor: Characteristic (pink guava, fruity)

Odor Threshold: Not available

pH: Not available

Melting / Freezing Point: Not available

Boiling Point / Range: Not available

Flash Point: 65 °C (149 °F)

Flammability: Combustible liquid (Category 4)

Explosion Limits (Lower / Upper): Not available

Autoignition Temperature: Product is not self-igniting

Explosive Properties: Not expected

Vapor Pressure: Not available

Vapor Density: Not available

Density: 0.91 g/cm³ at 20 °C (7.62 lb/gal)

Solubility in Water: Not miscible or difficult to mix

Partition Coefficient (n-octanol/water): Not available

Decomposition Temperature: Not available

Viscosity: Not available

VOC Content: 2.02% (18.5 g/L; 0.15 lb/gal); organic solvents 2.0%; solids content 7.1%

SECTION 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable; no decomposition if used according to specifications.

Hazardous Reactions: No dangerous reactions known.

Conditions to Avoid: Heat, sparks, open flames and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: None under normal use. In case of fire: carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

Likely Routes of Exposure: Skin contact, eye contact, inhalation, ingestion.

Acute Toxicity: Not classified. ATEmix oral LD50: 2,940 mg/kg. Linalool — oral LD50 2,790 mg/kg (rat), dermal LD50 5,610 mg/kg (rabbit). Vanillin — oral LD50 1,580 mg/kg (rat). Ethyl acetoacetate — oral LD50 3,980 mg/kg (rat). Citral — oral LD50 4,960 mg/kg (rat). Diethyl succinate — oral LD50 8,530 mg/kg (rat). Ethyl butyrate — oral LD50 13,000 mg/kg (rat). Amyl acetate — oral LD50 16,000 mg/kg (rat). Hexyl acetate — oral LD50 42,000 mg/kg (rat).

Skin Corrosion/Irritation: Not classified (skin irritants lemon oil and citral present below 10% in total).

Serious Eye Damage/Irritation: Not classified.

Respiratory or Skin Sensitization: Skin Sensitization Category 1 — may cause an allergic skin reaction (lemon oil, aldehyde C-16, linalool, exaltolide, citral). Respiratory: not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified. None of the ingredients is listed by IARC, NTP or OSHA. Citral: ACGIH A4 (not classifiable as a human carcinogen).

Reproductive Toxicity: Not classified.

STOT — Single / Repeated Exposure: Not classified.

Aspiration Hazard: Not classified (lemon oil present below 10%).

SECTION 12: Ecological Information

Ecotoxicity: No data available for the product. Not classified as hazardous to the aquatic environment under OSHA HazCom.

Persistence/Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: Not a PBT or vPvB. Do not allow product to reach ground water, watercourses or sewage systems.

SECTION 13: Disposal Considerations

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. Do not dispose of with household garbage; do not allow product to reach the sewage system.

Contaminated Packaging: Dispose of according to official regulations.

SECTION 14: Transport Information

UN Number: Not regulated (DOT / IMDG / IATA).

UN Proper Shipping Name: Not regulated.

Transport Hazard Class: Not regulated. (Flash point 65 °C: in the US, DOT may regulate combustible liquids in bulk packaging > 450 L.)

Packing Group: Not regulated.

Environmental Hazards: Not applicable. Not a marine pollutant.

SECTION 15: Regulatory Information

US Federal Regulations: Hazardous under OSHA HazCom 2024 (29 CFR 1910.1200). TSCA: all substances are active or exempt. SARA 302/355 (extremely hazardous substances): none listed. SARA 311/312 hazard categories: Flammable (combustible liquid); Respiratory or skin sensitization. SARA 313: none listed. Hazardous Air Pollutants: none listed.

US State Regulations: California Proposition 65: none of the ingredients is listed as known to cause cancer or reproductive/developmental toxicity.

Other Regulations: Fragrance for cosmetic use. Contains cold-pressed lemon oil (phototoxic; IFRA restricts its level in leave-on skin products), and linalool, citral and limonene (from lemon oil), which are IFRA-restricted and declarable fragrance allergens. Use only within the maximum levels stated on the IFRA certificate for each product category.

SECTION 16: Other Information

Indication of Changes: Issued in 16-section GHS format aligned to OSHA HazCom 2024 / GHS Rev 7.

Revision No. / Date: 1 / 08-Nov-2026

NFPA Rating: Health: 1 | Flammability: 2 | Instability: 0

HMIS Rating: Health: 1 | Flammability: 2 | Physical Hazard: 0

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