

**Section 1: Identification**

**Product Name** Flavor, Tropical Punch, Artificial  
**Commercial Name** Not available.  
**Product Use** Not available.  
**Restrictions On Use** Not available.

**Product Code** 30-2153

**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:** Flam. Liq. 3 Aquatic Acute 3  
**CFR 1910.1200**

**Signal Word** WARNING

**Hazard Statement(s)** Flammable liquid and vapor. Harmful to aquatic life.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

<b>Prevention</b>	Keep away from heat source and sparks . No smoking near container. Keep container tightly closed Ground/Bond container and receiving equipment Use explosion-proof manufacturing equipment Use only non-sparking tools Take precautionary measures against static discharge Avoid release to the environment Wear eye protection and protective gloves.
<b>Response</b>	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use ABC-powder to extinguish.
<b>Storage</b>	Store in a well-ventilated place. Keep cool
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant

**Section 3: Composition/Information on Ingredients**

**Substance/Mixture** Substance  
**Components** Flavor, Tropical Punch, Artificial  
**% By Weight** 100  
**CAS#** Not available.  
**Molecular Weight** Not available.  
**Chemical Formula** Not available.  
**Synonym(s)** Not available.

Mixtures Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Flavor, Tropical Punch, Artificial	N/A	100	N/A	N/A

**Safety Data Sheet**

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

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Allow victim to breathe fresh air. Allow the victim to rest.
<b>Skin Contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
<b>Eye Contact</b>	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available
<b>Delayed</b>	Not available
<b>Immediate Medical Attention</b>	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**

Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

**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**

Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Evacuate unnecessary personnel. For emergency responders Protective equipment: Equip cleanup crew with proper protection. Emergency procedures: Ventilate area. Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment. 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**

Additional hazards when processed: Handle empty containers with care because residual vapors are flammable. Precautions for safe 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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Conditions for safe storage, including any incompatibilities Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof manufacturing equipment. Storage conditions: Keep only in the original container in a cool, well ventilated place away from : Keep container tightly closed. Incompatible products: Strong bases. Strong acids. Incompatible materials: Sources of ignition. Direct sunlight. Heat sources.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Not available.
<b>Personal Protection</b>	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. Other information: Do not eat, drink or smoke during use.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Liquid.		
<b>Odor</b>	characteristic		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	Not available.	<b>pH</b>	Not available.
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	> 100 °F	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	126 °F	<b>Autoignition temperature</b>	Not available.
<b>Flammability</b>	Level 2	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Miscible with water		
<b>Other</b>	Not available.		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
<b>Hazardous Polymerization</b>	Not available.
<b>Conditions to Avoid</b>	Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.
<b>Incompatible Materials</b>	Strong acids. Strong bases
<b>Hazardous Decomposition Products</b>	fume. Carbon monoxide. Carbon dioxide. May release flammable gases

**Section 11: Toxicological Information**

<b>RTECS</b>	Not available.
<b>Acute Toxicity</b>	Not classified.
<b>Skin Corrosion/Irritation</b>	Not available.
<b>Serious Eye Damage/Irritation</b>	Not available.
<b>Respiratory or Skin Sensitization</b>	Not available.
<b>Germ Cell Mutagenicity</b>	Not available.
<b>Carcinogenicity</b>	Not available.
<b>Reproductive Toxicity</b>	Not available.
<b>Routes of Entry</b>	Not available.

**Symptoms Related to Exposure**

Not available.

**Potential Health Effects**

Based on available data, the classification criteria are not met.

**Target Organ(s)** Not available.**Section 12: Ecological Information****Ecotoxicity**

Harmful to aquatic life. Proprietary Flavor Ingredient - P261 LC50 fish 1 170 mg/l (LC50; 48 h; Leuciscus idus) EC50 Daphnia 1 380 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna) Proprietary Flavor Ingredient - p322 EC50 Daphnia 1 34400 mg/l (EC50; 48 h) LC50 fish 2 51600 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss) Proprietary Flavor Ingredient - p324 LC50 fish 1 14200 mg/l (LC50; US EPA; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value)

**Persistence and Degradability**

0500 - Tropical Punch Flavor, Natural/Artificial Persistence and degradability Not established. Proprietary Flavor Ingredient - P181 Persistence and degradability Biodegradability in water: no data available. Proprietary Flavor Ingredient - P261 Persistence and degradability Readily biodegradable in water. Proprietary Flavor Ingredient - p322 Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Biochemical oxygen demand (BOD) 0.96 - 1.08 g Oz/g substance Chemical oxygen demand (COD) 1.63 g Oz/g substance Proprietary Flavor Ingredient - p322 ThOD 1.69 g Oz/g substance BOD (% of ThOD) 0.57 Proprietary Flavor Ingredient - p324 Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. Biochemical oxygen demand (BOD) 0.8 - 0.967 g Oz/g substance Chemical oxygen demand (COD) 1.7 g Oz/g substance ThOD 2.1 g Oz/g substance BOD (% of ThOD) 0.43

**Bioaccumulative Potential**

0500 - Tropical Punch Flavor, Natural/Artificial Bioaccumulative potential Not established. Proprietary Flavor Ingredient - P181 Bioaccumulative potential No bioaccumulation data available. Proprietary Flavor Ingredient - P261 BCF fish 1 1.3 (BCF; 109 h) Log Pow 0.1-0.36 Bioaccumulative potential Bioaccumable. Proprietary Flavor Ingredient - p322 Log Pow -1.41 - -0.30 (-0.92; Experimental value; -1.07; Experimental value; Equivalent or similar to OECD 107; 20.5 °C) Bioaccumulative potential Not bioaccumulative. Proprietary Flavor Ingredient - p324 BCF fish 1 1 (BCF; Other; 72 h; Cyprinus carpio; Static system; Fresh water; Read-across) Log Pow -0.31 (Experimental value) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).

**Mobility in Soil**

Proprietary Flavor Ingredient - p322 Surface tension 0.036 N/ m (25 ° C) Proprietary Flavor Ingredient - p324 Surface tension 0.022 N/ m (20 ° C) Log Koc Koc,PCKOCWIN v1.66; 1; Read- across

**Other Adverse Effects**

Not available.

**Section 13: Disposal Considerations****Waste Disposal**

Dispose in a safe manner in accordance with local/ national regulations. Dispose of contents/ container to an approved waste disposal plant.

**Disposal of Container**

Handle empty containers with care because residual vapors are flammable.

**Other Considerations**

Avoid release to the environment.

**Section 14: Transport Information****DOT Classification**

**Safety Data Sheet**

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

Transport document description : UN1197 Extracts, flavoring, liquid, 3, III UN-No.(DOT) : UN1197 Proper Shipping Name ( DOT) : Extracts, flavoring, liquid Class ( DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 Hazard labels ( DOT) : 3 - Flammable liquid Packing group ( DOT) : III - Minor Danger DOT Special Provisions ( 49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C ( 100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C ( 100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics ( 31H1 and 31H2); Composite 31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C ( 1.1 bar at 122 F), or 130 kPa at 55 C ( 1.3 bar at 131 F) are authorized, except for UN2672 ( also see Special Provision IP8 in Table 2 for UN2672). T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling =  $97 / 1 + a (tr - tf)$  Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. DOT Packaging Exceptions ( 49 CFR 173.xxx) : 150 DOT Packaging Non Bulk ( 49 CFR 173.xxx) : 203 DOT Packaging Bulk ( 49 CFR 173.xxx) : 242 DOT Quantity Limitations Passenger aircraft/rail 49 CFR 173.27) 60 L DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) 220 L DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

**Section 15: Regulatory Information****Regulations**

Proprietary Flavor Ingredient - P181 Listed on the United States TSCA ( Toxic Substances Control Act) inventory  
Proprietary Flavor Ingredient - P261 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  
Proprietary Flavor Ingredient - p324 Listed on the United States TSCA ( Toxic Substances Control Act) inventory

**Other**

Not available.

**Section 16: Other Information**

Not available.