



Safety Data Sheet

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

Flavor, Lemonade Oil

30-3312

Section 1: Identification

Product Name Flavor, Lemonade Oil
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-3312

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 Skin Sens. 1
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) Flammable liquid and vapor. May cause an allergic skin reaction

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention 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 breathing fumes. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection and protective gloves.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use ABC-powder to extinguish.

Storage Store in a well-ventilated place. Keep cool.

Disposal Dispose of contents/container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Flavor, Lemonade Oil
% 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, Lemonade Oil	84929-31-7	100	Not available.	ORAL (LD50):Acute: 2840mg/kg [Rat].



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Section 4: First-Aid Measures

Inhalation	Allow victim to breathe fresh air. Allow the victim to rest.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Safety Data Sheet). Wash contaminated clothing before reuse.
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	May cause an allergic skin reaction.
Delayed	May cause an allergic skin reaction.
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

Fire hazard : Flammable liquid and vapor. Explosion hazard : May form flammable/explosive vapor-air mixture. 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

Personal precautions, protective equipment and emergency procedures General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. For non-emergency personnel Emergency procedures : 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. 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

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. Avoid breathing fumes. Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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

Exposure Limits	Not available.
Engineering Controls	Not available
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. Other information : Do not eat, drink or smoke during use.

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	124 °F	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Miscible with water.		
Other	Not available.		

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information
RTECS OG8300000

Acute Toxicity

Proprietary Flavor Ingredient - P316 LD50 oral rat 4960 mg/kg (Rat) LD50 dermal rat > 2000 mg/kg (Rat) LD50 dermal rabbit 2250 mg/kg (Rabbit) ATE US (oral) 4960.000 mg/kg body weight ATE US (dermal) 2250.000 mg/kg body weight Proprietary Flavor Ingredient - p322 LD50 oral rat 20000 mg/kg (Rat; Experimental value) LD50 dermal rat 22500 mg/kg (Rat; Experimental value) LD50 dermal rabbit 20800 mg/kg (Rabbit; Experimental value) ATE US (oral) 20000.000 mg/kg body weight ATE US (dermal) 20800.000 mg/kg body weight Proprietary Flavor Ingredient - p324 LD50 oral rat 10740 mg/kg body weight (Rat; OECD 401: Acute Oral Toxicity; Experimental value) LD50 dermal rabbit > 16000 mg/kg (Rabbit; Literature study) ATE US (oral) 10740.000 mg/kg body weight

Skin Corrosion/Irritation

May cause an allergic skin reaction.

Serious Eye Damage/Irritation

Not available.

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Skin.

Symptoms Related to Exposure

May cause an allergic skin reaction.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Not available

Persistence and Degradability

Readily biodegradable in water. Forming sediments in water. Ozonation in the air. Photodegradation in the air.

Bioaccumulative Potential

Log Pow 2.76 - 3.45 (Estimated value) Bioaccumulative potential Bioaccumable.

Mobility in Soil

Not available.

Other Adverse Effects

Avoid release to the environment.

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. Avoid release to the environment.

Disposal of Container

Handle empty containers with care because residual vapors are flammable.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

In accordance with DOT Transport document description : UN1197 Extracts, flavoring, liquid, 3, III UN-No.(DOT) : UN1197 Proper Shipping Name (DOT) : Extracts, flavoring, liquid Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 HaPacking 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. IB3 - 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. Hazard labels (DOT) : 3 - Flammable liquid

Section 15: Regulatory Information



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Regulations

Proprietary Flavor Ingredient - 172 Listed on the United States TSCA (Toxic Substances Control Act) inventory Proprietary Flavor Ingredient - P316 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

WHMIS CLASS B-3: Combustible liquid with a flash (Canada) point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2B: Material causing other toxic effects (TOXIC);DSCL (EEC) R10- Flammable. R38- Irritating to skin. R41- Risk of serious damage to eyes.;Gloves.;Lab coat.;Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information

Not available.