

**Safety Data Sheet**

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

Section 1: Identification**Product Name** FLAVOR, GRAPE COLORLESS ARTIFICIAL**Commercial Name** N/A**Product Use** Flavor**Restrictions On Use** N/A**Product Code** 30-4908**Company** PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300**Section 2: Hazard(s) Identification****OSHA Haz Com:** Flam. Liq. 3**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** Flammable liquid and vapour.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

Prevention	P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge.
Response	Not available
Storage	Not available
Disposal	Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture	Mixture
Components	Ethyl Alcohol, Methyl anthranilate and Acetic acid
% By Weight	25-50% 2.5-10% <0.1%
CAS#	64-17-5 134-20-3 6
Molecular Weight	N/A
Chemical Formula	N/A
Synonym(s)	N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Ethyl alcohol	64 -17 -5	25 -50		
Methyl anthranilate	134 -20 -3	2.5 -10		
Acetic acid	64 -19 -7	<0.1		

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Section 4: First-Aid Measures

Inhalation	Remove to fresh air and seek medical assistance if necessary.
Skin Contact	Remove contaminated clothing and shoes. Wash with mild soap and water. Seek medical attention if necessary.
Eye Contact	Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion	Rinse mouth. Do not induce vomiting. Drink water. Consult a physician.
Symptoms/Effects	
Acute	N/A
Delayed	N/A
Immediate Medical Attention	
N/A	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water spray /mist, Foam, Carbon Dioxide (CO₂), and Dry Chemical. Water may be used to cool off containers.

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

Products of Combustion

N/A

Firefighters Special Equipment and Precautions

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Section 6: Accidental Release Measures

Precautionary Measures: Ensure adequate ventilation. Use personal protective equipment. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Avoid breathing vapors, mist or gas. For personal protection see section 8. Environmental Measures: Do not let product enter drains. Prevent further leakage or spillage if safe to do so. Methods and Materials for Containment and Cleaning Up: Contain material. Collect using solid absorbent material and place into appropriate waste container for disposal according to local regulations (See section 13). Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: For industrial use only. Use with adequate ventilation. Keep away from heat and flame. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	N/A
Engineering Controls	N/A
Personal Protection	RESPIRATORY PROTECTION: Proper ventilation, engineering controls, such as local exhaust ventilation, and if necessary, a NIOSH certified respirator with appropriate cartridges is highly recommended. SKIN PROTECTION: Chemical resistant gloves recommended. EYE PROTECTION: Wear safety glasses with side shields or goggles. HYGIENIC PRACTICES: Always observe good personal hygiene measures, such as washing your hands after handling the material and before eating, drinking, and /or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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Section 9: Physical and Chemical Properties

Appearance	Clear liquid		
Odor	typical grape		
Odor Threshold	N/A		
Melting Point	N/A	pH	N/A
Freezing Point	N/A	Vapor Pressure	N/A
Boiling Point/Range	72 C	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	N/A
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	27 C /80 F (Closed Cup):	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	SOLUBLE in water		
Other	N/A		

Section 10: Stability and Reactivity

Reactivity	The product is non - reactive under normal conditions of use, storage, and transport
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	No dangerous reactions known under conditions of normal use.
Conditions to Avoid	Heat, flames and sparks. Extremes of temperature and direct sunlight
Incompatible Materials	Keep away from strong oxidizing agents, heat and open flames
Hazardous Decomposition Products	When heated , may produce unpleasant fumes and /or smoke. Combustion may produce Carbon Monoxide and/or Carbon Dioxide

Section 11: Toxicological Information

RTECS N/A

Acute Toxicity

The acute effects of this product have not been tested. Data on individual components are tabulated below CAS -No. Chemical Name Oral LD50 Dermal LD50 Vapor LC50 64 -17 -5 Ethyl alcohol N.1. N, 1, 124.7 mg /L Rat 64 -19 -7 Acetic acid N.I. = No Information

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

N/A

Germ Cell Mutagenicity

N/A

Carcinogenicity

N/A

Reproductive Toxicity

N/A

Routes of Entry

Not available.

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Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) N/A**Section 12: Ecological Information****Ecotoxicity**

Normal recommended use releases little of the product to the environment. Responsible manufacturing applications should include provisions for spill containment and measures to control loss of volatiles.

Persistence and Degradability

N/A

Bioaccumulative Potential

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers /water supplies. Do not contaminate ponds, waterways or ditches with material or used container. Dispose of material in accordance with applicable federal, state and local regulations.

Disposal of Container

N/A

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

Regulatory Information	UN/NA Number	Proper shipping name:	Class:	Packing List:	Label:
PHMSA/DOT	UN1197	Extracts, Flavouring , Liquid	3	III	3
ICAO/IATA	UN1197	Extracts, Flavouring , Liquid	3	III	3
IMO/IMDG	UN1197	EXTRACTS, FLAVOURING, LIQUID	3	III	3
CANUTEC/TDG	UN1197	Extracts, Flavouring , Liquid	3	III	3 ADR/RID
UN1197	Extracts, Flavouring , Liquid	3	III	3	

Section 15: Regulatory Information**Regulations**

N/A

Other

N/A

Section 16: Other Information

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Bell Flavors and Fragrances and its Affiliates shall not be held liable for any damage resulting from the handling or from contact with the above product.