

Section 1: Identification

Common Name/Trade Name	Blueberry Flavor	
Supplier Information	Letco Medical 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	N/A	
Relevant Use(s) of Product	Flavoring	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No additional information available
Ingredient(s) with Unknown Toxicity	Not applicable

Section 3: Composition/Information on Ingredients

Chemical Name	N/A
Common Name	Blueberry Flavor
CAS Number	N/A
Additional Ingredient Information	The specific chemical identities of the ingredients in this mixture, as well as, exact concentrations of any hazardous ingredients stated above, are considered trade secrets. This information is withheld in accordance with the provisions of 1910.1200 of the Code of Federal Regulations.
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
If Inhaled	Allow victim to breathe fresh air. Allow the victim to rest.
In Case of Skin Contact	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
In Case of Eye Contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
If Swallowed	If swallowed, rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Most Important Symptoms and Effects	Not expected to present a significant hazard under anticipated conditions of normal use.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand. Unsuitable extinguishing media : Do not use a heavy water stream. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Special Hazards Arising From the Substance/Mixture	No additional information available
Special PPE and/or Precautions for Firefighters	Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
Methods and Materials Used for Containment	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Cleanup Procedures	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

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.
Conditions for Safe Storage	Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available
Appropriate Engineering Controls	Avoid all unnecessary exposure. Do not eat, drink or smoke during use.
PPE - Eye/Face Protection	Chemical goggles or safety glasses.
PPE - Skin Protection	Wear eye protection and protective gloves. protective gloves.
PPE - Body Protection	Wear eye protection and protective gloves. protective gloves.
PPE - Respiratory Protection	Wear appropriate mask.

Section 9: Physical and Chemical Properties

Appearance	Liquid
Upper/Lower Flammability or Explosive Limits	No data available
Odor	characteristic
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	No data available
Solubility	Miscible with water. Water: N/A
Initial Boiling Point and Boiling Range	No data available
Flash Point	> 200 °F
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No additional information available
Chemical Stability	Not established.
Possibility of Hazardous Reactions	Not established.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible Materials	Strong acids. Strong bases.
Hazardous Decomposition Products	fume. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Proprietary Flavor Ingredient - p322 LD50 oral rat 20000 mg/kg (Rat; Experimental value) ATE US (oral) 20000.000 mg/kg body weight
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	Proprietary Flavor Ingredient - p322 LD50 dermal rat 22500 mg/kg (Rat; Experimental value) LD50 dermal rabbit 20800 mg/kg (Rabbit; Experimental value) ATE US (dermal) 20800.000 mg/kg body weight
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	Not applicable
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	Not applicable
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	Not classified

Section 12: Ecological Information

Toxicity	Proprietary Flavor Ingredient - p322 LC50 fish 1 51400 mg/l (96 h; Pimephales promelas) LC50 other aquatic organisms 1 > 1000 mg/l (96 h) EC50 Daphnia 1 34400 mg/l (48 h; Daphnia magna) LC50 fish 2 51600 mg/l (96 h; Oncorhynchus mykiss) TLM fish 1 > 1000 ppm (96 h; Pisces) TLM other aquatic organisms 1 > 1000 ppm (96 h) Threshold limit other aquatic organisms 1 > 1000 mg/l (96 h) Threshold limit algae 1 15000 mg/l (336 h; Selenastrum capricornutum) Threshold limit algae 2 < 5300 mg/l (336 h; Skeletonema costatum)
Persistence and Degradability	Not established
Bio-accumulative Potential	Not established. Proprietary Flavor Ingredient - p322 Log Pow -1.41 - -0.30 Bioaccumulative potential Not bioaccumulative.
Mobility in Soil	Proprietary Flavor Ingredient - p322 Surface tension 0.036 N/m (25 °C)
Other Adverse Effects	Effect on the global warming : No known ecological damage caused by this product. Other information : Avoid release to the environment.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials : Avoid release to the environment.
Waste Treatment Methods Packaging	Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials : Avoid release to the environment.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

Proprietary Flavor Ingredient - p322 Listed on the United States TSCA (Toxic Substances Control Act) inventory CANADA No additional information available EU-Regulations No additional information available Classification according to Regulation (EC) No. 1272/2008 [CLP] Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified Proprietary Flavor Ingredient - p322 U.S. - New Jersey - Right to Know Hazardous Substance List

Section 16: Other Information

Prepared By	Scarlotte Smith
Revision Date	05/26/2015 12:58

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