MATERIAL SAFETY DATA SHEET

Section 1	Chemical Identification	
Emergency Phone Number: Chemtrec: 1-800-424-9300		
Phone:	410-565-6600	
Address:	1361 Brass Mill Rd. Suite E, Belcamp, MD 21017	
Manufacturer:	Apex Flavors	
Agent:	Apex Flavors	

Fresh Blueberry Type, Natural Flavor Blend (FDA & TTB Natural) # 1926TTB

Section 2	Composition/Information of Ingredients		
CAS#:	Proprietary Formula		
Fema#:	NA		
EINECS#:	NA		
Molecular:	NA		
Chemical Name:	NA		
Synonyms:	None		
Section 3	First-Aid Measures		
Eye Contact Aid:	Flush immediately with clean cold water. If irritation persists, call a physician.		
Skin Contact Aid	: Thoroughly wash the affected area with soap and water. Flush with large quantities of water. If irritation persists, call a physician.		
Inhalation Aid:	Remove individual to fresh air, contact physician if necessary.		
Ingestion Aid:	Administer water or milk to dilute. Contact a physician or local poison control.		
Section 1	Fire Fighting Measures		

Section 4 Fi	Fire Fighting Measures		
Extinguishing Media:	CO2; Foam; Dry Chemical		
Special Fire Fighting Procedu	res: Wear protective clothing to prevent contact with skin and		
	eyes.		
Unusual Fire and Explosive Hazards: Not Established			

Unusual Fire and Explosive Hazards: Not Established

Section 5	Accidental Release Measures	
Procedure: Remove any source of flame or sparks. If in a confined area, NIOSH approved respiratory protection may be required. Remove individuals from area if they do not have respiratory/dust protection. Spray material with water to prevent dusting and remove to an approved disposal container. Follow Federal, State and Local procedures for cleaning up of powder. Dispose in accordance with current laws and regulations.		
Section 6	Handling and Storage	
Storage/Ha	indling: This product should be stored in tightly closed, full container in a cool, dry area away from direct sunlight. Before opening and handling this flavor, consult your workplace safety officer and MSDS.	
Section 7	Exposure Controls/Personal Protection	
Eyes:	The use of goggles and a face shield is recommended.	

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Respiratory:	Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
Other Protective Devices:	Chemical resistant gloves are recommended (i.e. Nitrile gloves)
Ventilation:	Ventilation meeting ACGIH Standards should be employed.
Work/Hygienic Practices:	Use good personal hygiene practices. Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

	hysical and Chemical Properties	
Appearance and Odor		
Hazardous Ingredients		
Boiling Point (Deg C):	NA	
Melting Point (Deg C):	NA	
Vapor Density:	NA	
Vapor Pressure:	NA	
Specific Gravity (@ 20	•	
Specific Gravity (@ 25 C): 1.0197 to 1.0397		
Refractive Index (@ 20) C): 1.4262 to 1.4462	
Solubility Water:	Soluble	
Solubility Fat:	Insoluble	
Flash Point:	NA	
Flammability (solid,ga	s): NA	
Autoflammability:	NA	
Explosive Properties:	NA	
Oxidizing Properties:	NA	
Section 9	Stability and Reactivity	
Hazardous Polymeriza		
Hazardous Decompos		
Materials and/or Cond		
Stability:	Stable	
Section 10	Toxicological Information	
	(ACGIH TLV): None Established	
	(OSHA PEL): None Established	
Carcinogencity:		
NTP Monograph:	None Established	
ARC Monograph	None Established	
Acute Toxicity Data:		
Oral LD50:	None Established	
•	None Established None Established None Established	

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Health Hazards	(Acute and Chronic	;):			
Ingestion of large quantities:		None Established			
Inhalation:		None Established			
Skin Contact:		Liquid my be irritati	ng		
Eye Contact:		Liquid my be irritati	ng		
Note:		The above effects a	are based on evaluation of individual		
		components.			
Other Effects:		None Established			
Section 11	Ecol	ogical Information			
Biodegradabilit	y: Not Det	ermined			
Aquatic Toxicit	y: Not Det	ermined			
Bioaccumulatio	on Potential: Not Det	ermined			
Section 12	Trar	nsport Information			
Proper Shippin	g Name: EXTRACTS	, Flavouring, Liq	UID		
UN#:					
UN Pkg Group:					
ERG#:	127				
Air/Steamer Tra	ansport Information:				
Air:	3				
Steamer:	3				
Required Labe	els: FLAMMABL	E LIQUID			
Section 13		Other Information			
	erials Identification	System			
Health: 1	Flammability:	Reactivity: 0	Personal Protection: B		
4-Extreme	3-High 2-Mode	rate 1-Slight	0-No Significant Hazard		
Section 14	Regulatory				
R-Phase:					
S-Phase:					
Section 15	Conclusion				
			ed accurate and reliable. However, the		
			I regarding its correctness or accuracy. It		
is the user's resp	onsibility both to dete	ermine safe conditions	s for use of this product, and to assume		

Section 16

Disclaimer

Apex Flavors, Inc.'s products are sold exclusively for use in food and drink for human consumption. These products have not been tested, nor have they been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, and electronic cigarettes or similar devices (collectively "E-Cigarettes"). In supplying this product(s), Apex Flavors, Inc. instructs, and purchasing recipient confirms, that this product(s) will not be used in connection with the manufacture and distribution of E-Cigarettes or any component thereof. Recipients of our products that use them outside of their intended use of food or drink do so at their own risk and without warranty, either expressed or implied, from Apex Flavors, Inc. or its suppliers. The user assumes all liability for loss, injury, damage, or expense resulting from such uses.

any liability for loss, injury, damage or expense resulting from the improper use of this product.