MATERIAL SAFETY DATA SHEET

	French Vanilla Extract, Natural # 069	
Section 1	Chemical Identification	
Emergency Phone Number	er: 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	

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

Section 4 Fire F	Fire Fighting Measures	
Extinguishing Media:	CO2; Foam; Dry Chemical	
Special Fire Fighting Procedures	: 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/Handling: This product should be stored in tightly closed, full container in a cool, dry are away from direct sunlight. Before opening and handling this flavor, consult yo 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.	
Section 8 Phys	sical and Chemical Properties	
Appearance and Odor:	Brown liquid. Aroma Characteristic of vanilla with subtle cinnamon and	
	other spice notes.	
Hazardous Ingredients:	Ethyl Alcohol (CAS# 64-17-5)	
Boiling Point (Deg C):	NA	
Melting Point (Deg C):	NA	
Vapor Density:	NA	
Vapor Pressure:	NA	
Specific Gravity (@ 20 C):	20 C): 0.9543 to 0.9743	
Specific Gravity (@ 25 C):	0.9513 to 0.9713	
Refractive Index (@ 20 C)	: 1.3492 to 1.3692	
Solubility Water:	Soluble	
Solubility Fat:	Insoluble	
Flash Point:	NA	
Flammability (solid,gas):	NA	
Autoflammability:	NA	
Explosive Properties:	NA	
Oxidizing Properties:	NA	
Section 9	Stability and Reactivity	
Hazardous Polymerization		
Hazardous Decomposition Products: None		
Materials and/or Conditions to avoid: None		
Stability:	Stable	

Section 10	Toxicological Information	
Threshold Limit Value	(ACGIH TLV): None Established	
Threshold Limit Value (OSHA PEL): None Established		
Carcinogencity:		
NTP Monograph:	None Established	
ARC Monograph	None Established	
Acute Toxicity Data:		
Oral LD50:	None Established	
Dermal LD05:	None Established	
Inhalation LC50:	None Established	

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Health Hazards (Acute and Chronic):			
Ingestion of large qua	ntities: None Established		
Inhalation:	None Established		
Skin Contact:	Liquid my be irritating		
Eye Contact:	Liquid my be irritating		
Note:	The above effects are based on evaluation of individual		
	components.		
Other Effects:	None Established		
Section 11	Ecological Information		
Biodegradability:	Not Determined		
Aquatic Toxicity:	Not Determined		
Bioaccumulation Poten	itial: Not Determined		
Section 12	Transport Information		
Proper Shipping Name:			
UN#:	1197		
UN Pkg Group:	III		
ERG#:	127		
Air/Steamer Transport I	Information:		
Air:	3		
Steamer:	3		
Required Labels:	FLAMMABLE LIQUID		
Section 13 Other Information			
Hazardous Materials Identification System			
Health: 1 Flammab	bility: 2 Reactivity: 0 Personal Protection: B		
4-Extreme 3-High	2-Moderate 1-Slight 0-No Significant Hazard		
Section 14	Regulatory		
R-Phase: 10			
S-Phase: NA			
Section 15	Conclusion		

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Section 16

Disclaimer

Our ingredients have not been tested, nor have they been determined safe, for inhalation or use in any electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes, or other similar devices (collectively "E-Cigarettes") or in any E-Liquids used with E-Cigarettes. By receiving Apex Flavors, Inc, ingredients, the recipient confirms that they will not use these ingredients in connection with the manufacture and distribution of E-Cigarettes, E-Liquids or any component thereof. WE DISCLAIM, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL WARRANTIES, EXPRESS OR IMPLIED, and disclaim all liability in connection with the use of our ingredients in connection with E-Cigarettes and E-Liquids. All such risks are assumed by you and the user.