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		

Apple Juice Type, Natural Flavor Blend (Propylene Glycol Free) # 1529PGF

Fema#:NEINECS#:NMolecular:NChemical Name:N	roprietary Formula A A A
EINECS#: N Molecular: N Chemical Name: N	IA IA
Molecular: N Chemical Name: N	A
Chemical Name: N	
	A
Synonyme: N	
Synonyms. N	lone
Section 3	First-Aid Measures
Eye Contact Aid:	Flush immediately with clean cold water. If irritation persists, call a physician.
	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 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 H	azards: Not Established	

nusual 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	andling: 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.		

MATERIAL SAFETY DATA SHEET

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	Physical and Chemical Properties		
Appearance and Odo			
Hazardous Ingredient			
_			
Boiling Point (Deg C)	NA		
Melting Point (Deg C)	NA		
Vapor Density:	NA		
Vapor Pressure:			
	Cravity (@ 20 C): 0.8496 to 0.8696		
• • • •	5 C): 0.8466 to 0.8666		
•	20 C): 1.3597 to 1.3797		
Solubility Water:	Soluble		
Solubility Fat:	Insoluble		
Flash Point:	NA		
Flammability (solid,ga	,		
Autoflammability:	NA		
Explosive Properties:			
Oxidizing Properties:	NA		
Section 9	Stability and Reactivity		
Hazardous Polymerization: Will not occur			
Hazardous Decompos	sition Products: None		
Materials and/or Cond	ditions to avoid: None		
Stability:	Stable		
Section 10	Toxicological Information		
	e (ACGIH TLV): None Established		
	e (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		

MATERIAL SAFETY DATA SHEET

Health Hazards (Acu	te and Chronic):			
Ingestion of large of	uantities:	None Established		
Inhalation:		None Established		
Skin Contact:		Liquid my be irritat	ing	
Eye Contact:		Liquid my be irritat	ing	
Note:	-	The above effects	are based on evaluation of individual	
	(components.		
Other Effects:	I	None Established		
Section 11	Ecolog	ical Information		
Biodegradability:	Not Deter	mined		
Aquatic Toxicity:	Not Deter	mined		
Bioaccumulation Po	tential: Not Deter	mined		
Section 12	Transport Information			
Proper Shipping Nar	ne: EXTRACTS, I	FLAVOURING, LIC	QUID	
UN#:				
UN Pkg Group:				
ERG#:	127			
Air/Steamer Transpo	ort Information:			
Air:	3			
Steamer:	3			
Required Labels:	FLAMMABLE	LIQUID		
Section 13	0	ther Information		
Hazardous Materials	Identification Sy	rstem		
Health: 1 Flam	mability:	Reactivity: 0	Personal Protection: B	
4-Extreme 3-Hi	gh 2-Moderat	e 1-Slight	0-No Significant Hazard	
Section 14		Regulat	tory	
R-Phase:				
S-Phase:				
Section 15		Conclus	ion	
			ered accurate and reliable. However, the	
data is provided witho	ut any warranty, e	xpressed or implie	d regarding its correctness or accuracy. It	

data is provided without any warranty, expressed or implied regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product, and to assume any liability for loss, injury, damage or expense resulting from the improper use of this product.

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.