


Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1 Product Identifier	
Product Name:	Banoffee Pie Concentrate
Product Code (SDS No.):	V20333
1.2 Relevant identified uses of the substance or mixture and uses advised against:	
Use:	Concentrated aromatic raw material. Not for personal use in this form or concentration. For manufacturing use only.
Uses advised against:	Any use other than recommended use.
1.3 Details of the supplier of the Safety Data Sheet:	
Name of Supplier:	Flavour Warehouse LTD
Address:	Global Way, Darwen, Lancashire, BB3 ORW
Tel:	+44 1254 460124
E-mail:	tpd@vampirevape.co.uk
1.4 Emergency telephone number	
Emergency Phone No.	+44 1254 460124
National Response Center	National Poisons Information Service (Birmingham Centre)
Address	City Hospital, Dudley Road, Birmingham, United Kingdom,
Emergency Phone No.	+00 448 706 006 266 NHS Direct – 0845 4647 or 111

SECTION 2: HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP)	Skin Sens. 1A: May cause an allergic skin reaction
2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP)	
Hazard Pictograms(s)	 GHS07
Signal Word(s)	Warning
Hazard Statement(s)	H317: May cause an allergic skin reaction
Precautionary Statement(s)	P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P302+P352: IF ON SKIN: Wash with plenty of water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362: Take off contaminated clothing and wash it before reuse. P501: Dispose of contents in accordance with local, state or national legislation.
2.3 Other hazards	
	None Known.
2.4 Additional Information	
	For full text of H/P Statements see section 16.

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. REACH Reg. No.	%W/W	HAZARD STATEMENT(S)	HAZARD PICTOGRAM(S)
Propane-1,2-diol	57-55-6	200-338-0	<97	Not Classified	None
4-hydroxy-2,5-dimethylfuran2(3H)-one	3658-77-3	222-908-8	<1	Skin Sens. 1A H317 Eye Irrit. 2 H319	GHS07

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation	Treat symptomatically.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).
Eye Contact	Treat symptomatically.
Ingestion	Treat symptomatically.
4.2 Most important symptoms and effects, both acute and delayed	
	Allergic contact dermatitis.
4.3 Indication of any immediate medical attention and special treatment needed	
	Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	None.
5.2 Special hazards arising from the substance or mixture	
	May decompose in a fire, giving off toxic and irritant vapours.
5.3 Advice for firefighters	
	As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

	Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.
6.2 Environmental precautions	
	This material and its container must be disposed of in a safe way.
6.3 Methods and material for containment and cleaning up	
	Adsorb spillages onto sand, earth or any suitable adsorbent material. Use vacuum equipment for collecting spilt materials, where practicable.
6.4 Reference to other sections	
	See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

	Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
7.2 Conditions for safe storage, including any incompatibilities	
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.
7.3 Specific end use(s)	
	Flavour Concentrate for use in producing E-Liquid.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propane-1,2-diol total vapour and particulates	57-55-6	150	474			
Propane-1,2-diol particulates	57-55-6		10			
Propane-1,2-diol total vapour and particulates	57-55-6	150	474			Comp.
Pentyl acetates (all isomers)	123-92-2	50	270	100	541	
Isopentylacetate	123-92-2	50	270	100	540	IOELV
Ethyl acetate	141-78-6	200		400		
Ethyl acetate	141-78-6	734	200	1468	400	IOELV

REGION	SOURCE
EU	EU Occupational Exposure Limits
UNITED KINGDOM	Workplace Exposure Limits (WEL)
Remark	Notes
IOELV	Indicative Occupational Exposure Limit Value

8.2 Exposure Controls

8.2.1 Appropriate engineering controls	Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.
8.2.2 Personal protection equipment	
Eye Protection	Wear eye protection with side protection (EN166).
Skin Protection	Wear protective clothing and gloves: Impervious gloves (EN 374).
Respiratory Protection	Handling of larger amounts a suitable mask with filter type A (EN14387 or EN405) may be appropriate.
Thermal Hazards	None known.
8.2.3 Environmental Exposure Controls	Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear colourless to Straw Colour
Odour	Characteristic of Banoffee Pie
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.

Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

Initial boiling point and boiling range	Not known.
Flash Point	>63°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	1.0369 +/- 0.02
Solubility(ies)	Solubility (Water): Not known. Solubility (other): Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.
9.2 Other Information	
	None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known is used for its intended purpose
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity – Ingestion	Not classified.
Acute toxicity – Skin Contact	Not classified.
Acute toxicity – Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	
	Not known.

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	
Toxicity – Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity – Fish	Low toxicity to fish.
Toxicity – Algae	Low toxicity to algae.
Toxicity – Sediment Compartment	Not classified.
Toxicity – Terrestrial Compartment	Not classified.
12.2 Persistence and Degradation	
	Not known.
12.3 Bio accumulative potential	
	Not known.
12.4 Mobility in soil	
	Not known.
12.5 Results of PBT and vPvB assessment	
	Not known.
12.6 Other adverse effects	
	Not known.

SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
	Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator.
13.2 Additional Information	
	Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION			
14.1 UN Number			
	ADR/RID	IMDG	IATA/ICAO
UN Number:	None assigned.	None assigned.	None assigned.
14.2 UN Proper Shipping Name			
	ADR/RID	IMDG	IATA/ICAO
UN Proper Shipping Name:	None assigned.	None assigned.	None assigned.
14.3 Transport Hazard Class(es)			
	ADR/RID	IMDG	IATA/ICAO
Transport Class	None assigned.	None assigned.	None assigned.
14.4 Packing Group			
	ADR/RID	IMDG	IATA/ICAO
Packing Group:	None assigned.	None assigned.	None assigned.
14.5 Environment Hazards			
	ADR/RID	IMDG	IATA/ICAO
Environmental Hazards:	Not classified as a Marine Pollutant.	Not classified as a Marine Pollutant.	Not classified as a Marine Pollutant.
14.6 Special Precautions For User			
See Section 2			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
	ADR/RID	IMDG	IATA/ICAO

Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

Transport In Bulk:	No information available	No information available	No information available
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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Authorisations: Not applicable

Restrictions on use: Not applicable

15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s) GHS07

Hazard classification Eye Irrit. 2 : Serious eye damage/irritation, Category 2
Skin Sens. 1A : Skin sensitization, Category 1A

Hazard Statement(s) H317: May cause an allergic skin reaction.

Precautionary Statement(s)
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash it before reuse.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstracts Service
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL: Derived No Effect Level
EC: European Community
EINECS: European Inventory of Existing Commercial Chemical Substances
IATA: International Air Transport Association
IBC: Intermediate Bulk Container
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods
LTEL: Long term exposure limit
PBT: Persistent, Bioaccumulative and Toxic
PNEC: Predicted No Effect Concentration
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity UN : United Nations
vPvB : very Persistent and very Bioaccumulative

Disclaimers
Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own

Safety Data Sheet According to Regulation (EC) No's 1907/2006, 1272/2008 and Amendments

Date of Issue: 20/09/18	Version No.: 2	Revision No.: 1
-------------------------	----------------	-----------------

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