

Date of Issue: 24/10/18	Version No.: 1	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:	Blackcurrant On Toast Concentrate
Product Code (SDS No.):	V20932
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)	Not classified as dangerous for supply/use.
2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP)	
Hazard Pictograms(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	None. Contains (4-hydroxy-2,5-dimethylfuran2(3H)-one, Barosma betulina, ext, Lime (Citrus aurantifolia), ext.) May produce an allergic skin reation
Precautionary Statement(s)	None.
2.3 Other hazards	
	None Known.
2.4 Additional Information	
	None.

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	<95	Not Classified	None

Date of Issue: 24/10/18	Version No.: 1	Revision No.: 1
-------------------------	----------------	-----------------

SECTION 4: FIRST AID MEASURES	
4.1 Description of first aid measures	
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash skin with water.
Eye Contact	Flush eyes with water for at least 15 minutes.
Ingestion	Wash out mouth with water.
4.2 Most important symptoms and effects, both acute and delayed	
	None anticipated. Treat symptomatically.
4.3 Indication of any immediate medical attention and special treatment needed	
	Unlikely to be required but if necessary 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	
	None anticipated. Heating may cause decomposition.
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 gloves if prolonged skin contact is likely.
6.2 Environmental precautions	
	Do not release large quantities into the surface water or into drains.
6.3 Methods and material for containment and cleaning up	
	Adsorb spillages onto sand, earth or any suitable adsorbent material.
6.4 Reference to other sections	
	See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
	Not known.
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	STEL (ppm)	STEL (mg/m ³)	Note

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

Date of Issue: 24/10/18	Version No.: 1	Revision No.: 1
-------------------------	----------------	-----------------

			mg/m ³)			
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.
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.				
8.2.2 Personal protection equipment						
Eye Protection		Wear eye protection with side protection (EN166).				
Skin Protection		Wear suitable gloves if prolonged skin contact is likely.				
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		Do not release large quantities into the surface water or into drains.				

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Clear colourless to Straw Colour
Odour	Typical of Blackcurrant and Toast
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
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	1.0307 +/- 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.

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

Date of Issue: 24/10/18	Version No.: 1	Revision No.: 1
-------------------------	----------------	-----------------

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	Not classified.
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.

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.

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

Date of Issue: 24/10/18	Version No.: 1	Revision No.: 1
-------------------------	----------------	-----------------

12.6 Other adverse effects	
	Not known.

SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
	Disposal should be in accordance with local, state or national legislation.
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
Transport In Bulk:	No information available	No information available	No information available

SECTION 15: REGULATORY INFORMATION	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
	This datasheet has been prepared in accordance with Regulation (EC) 1907/2008.
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)	None.
Hazard classification	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.
Acronyms	ADN : European Agreement concerning the International Carriage of Dangerous

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

Date of Issue: 24/10/18	Version No.: 1	Revision No.: 1
-------------------------	----------------	-----------------

	<p>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</p>
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