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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier	
Product Name:	Tiger Ice Concentrate
Product Code (SDS No.):	V20754
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. 1: May cause an allergic skin reaction Eye Irrit. 2: Causes serious eye irritation
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 H319: Causes serious skin irritation
Precautionary Statement(s)	P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P333+P313: If skin irritation or a rash occurs: Get medical advice/attention. P337+P313: If eye irritation persists get medical advice/attention. P321: Specific treatment (see ... on this label).

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		P363: Wash contaminated clothing before reuse. P501: Dispose of contents/container in accordance national regulation
2.3 Other hazards		
		None Known.
2.4 Additional Information		
		For full text of H/P Statements see section 16.

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	<90	Not Classified	None
Peppermint Oil	8006-90-4	616-900-7	<5	Skin Sens. 1 H317	GHS07
3-ethoxy-4-hydroxybenzaldehyde	121-32-4	204-464-7	<3	Eye Irrit. 2 H319	GHS07
Hexahydrothymol	2216-51-5	218-690-9	<3	Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove from exposure site to fresh air and keep at rest. If breathing has stopped give artificial respiration. Observe for possible delayed reaction. Consult a physician if required
Skin Contact	Immediately flush skin with plenty of soap & water while removing contaminated clothing. Seek medical attention if irritation occurs.
Eye Contact	Immediately flush eyes (holding eyelids apart) with plenty of water for at least 15 minutes. Consult a physician if symptoms persist.
Ingestion	Do not induce vomiting. Never give anything to an unconscious person. Rinse mouth with water. Consult a physician or doctor if required
4.2 Most important symptoms and effects, both acute and delayed	
	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
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.

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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	
	Use appropriate personal protective equipment as specified. Avoid contact with skin and eyes. Avoid inhalation and ingestion. Avoid inhalation of vapour or mist. When using do not eat, drink or smoke. Wash hands thoroughly after using substance.
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.
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		Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. 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				

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	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 Vanilla/Mint Odour
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	1.035 +/- 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	No data available
10.2 Chemical Stability	This product is stable under appropriate conditions of storage, handling and use
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Avoid friction, sparks, or other means of ignition.
10.5 Incompatible materials	Insoluble in water, Strong acids, acid chlorides, acid anhydrides, strong oxidizing agents
10.6 Hazardous decomposition products	No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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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	Calculation method: Causes eye irritation.
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.

SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	
Toxicity – Aquatic invertebrates	No data available
Toxicity – Fish	No data available
Toxicity – Algae	No data available
Toxicity – Sediment Compartment	No data available
Toxicity – Terrestrial Compartment	No data available
12.2 Persistence and Degradation	
	No data available
12.3 Bio accumulative potential	
	No data available
12.4 Mobility in soil	
	No data available
12.5 Results of PBT and vPvB assessment	
	No data available
12.6 Other adverse effects	
	No data available

SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
	Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor.
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

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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)	GHS05 GHS07
Hazard classification	Skin Sens. 1: May cause an allergic skin reaction Eye Irrit. 2: Causes serious eye irritation STOT SE 3: Specific target organ toxicity — single exposure, Category 3
Hazard Statement(s)	H317: May cause an allergic skin Reaction H319: Causes serious skin irritation H318: Causes serious eye damage. H335: May cause respiratory irritation.
Precautionary Statement(s)	P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P264: Wash skin thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P333+P313: If skin irritation or a rash occurs: Get medical advice/attention.

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	<p>P337+P313: If eye irritation persists get medical advice/attention. P321: Specific treatment (see ... on this label). P363: Wash contaminated clothing before reuse. P501: Dispose of contents/container in accordance national regulation</p>	
Acronyms	<p>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</p>	
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