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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1 Product Identifier	
Product Name:	Liberty 5mg
Product Code (SDS No.):	V20425
1.2 Relevant identified uses of the substance or mixture and uses advised against:	
Use:	E-Liquid for use in Electronic Cigarettes.
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 Centre	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)	Acute Tox. 4: Harmful if swallowed.
2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP)	
Hazard Pictograms(s)	 GHS07
Signal Word(s)	Warning
Hazard Statement(s)	H302: Harmful if swallowed
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P264: Wash ... thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330: Rinse mouth. P501: Dispose of contents/container to ...
2.3 Other hazards	
	None Known.
2.4 Additional Information	
	For full text of H/P Statements see section 16.

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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)
Nicotine	54-11-5	200-193-3	0.5	Acute Tox. 2 H300 Acute Tox 2 H310 Aquatic Chronic 2 H411	GHS06 GHS09

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Ingestion	DO NOT induce vomiting. Never give anything to an unconscious person. Rinse mouth with water. Get medical advice/attention should symptoms appear.
Skin Contact	Immediately flush skin with plenty of soap and water whilst removing contaminated clothing. Seek medical attention if irritation persists.
Eye Contact	Immediately flush eyes (holding eyelids apart) with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Inhalation	Remove from exposure site to fresh air and keep at rest. If breathing has stopped give artificial respiration. Observe for possible delayed reaction. Get medical advice/attention if concerned.
4.2 Most important symptoms and effects, both acute and delayed	
	No information available. Treat symptomatically.
4.3 Indication of any immediate medical attention and special treatment needed	
	Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	Carbon dioxide, Alcohol foam, dry chemical or water spray/mist.
Unsuitable extinguishing media	None
5.2 Special hazards arising from the substance or mixture	
	During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.
5.3 Advice for firefighters	
	Wear full protective clothing and self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing and gloves.
6.2 Environmental precautions	

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	Do not allow to enter drains, sewers or watercourses.
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. Containers must not be punctured or destroyed by burning, even when empty. Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4 Reference to other sections	
	See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
	Wear proper protective equipment and avoid contact with skin, eyes, or clothing. Obtain special instructions before use. Avoid inhalation and ingestion. Avoid inhalation of vapour or mist. When using this product do not eat, drink or smoke. Wash hands thoroughly after handling this material. Follow all applicable local regulations for handling and storage.
7.2 Conditions for safe storage, including any incompatibilities	
	Store in a well-ventilated place. Keep cool. Protect against UV radiation/sunlight, heat and moisture.
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.
7.3 Specific end use(s)	
	Section 1.2

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.					
8.2.2 Personal protection equipment						
Protective Hygiene Measures	Always close tightly are use. Remove contaminated clothing immediately and dispose of safely. Wash contaminated clothing prior to re-use.					
Eye Protection	Wear eye protection with side protection (EN166).					
Skin Protection	Wear suitable gloves if prolonged skin contact is likely. (EN374)					
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	Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear colourless to light yellow.
Odour	Characteristic
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
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	Not known.
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	Avoid friction, sparks, or other means of ignition.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	May include, and are not limited to, oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity – Ingestion	Calculation method: Acute Tox. 4, H302
Acute toxicity – Skin Contact	Not classified.

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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			
Nicotine (ISO)			
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	4	mg/L
WATER FLEA (<i>Daphnia magna</i>)	48H EC50	0.24	mg/L
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. Recycle only completely emptied packaging. This combustible material may be burned in a chemical incinerator equipped with afterburner and scrubber. 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			
	This product does not require a classification for transport according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.		
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

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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 Environmental Hazards			
	ADR/RID	IMDG	IATA/ICAO
Environmental Hazards:	None assigned.	None assigned.	None assigned.
14.6 Special Precautions For User			
Special Precautions:	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:	None assigned.	None assigned.	None assigned.

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	
Chemical safety assessment	A REACH chemical safety assessment has not been carried out on this mixture.

SECTION 16: OTHER INFORMATION	
The following sections contain revisions or new statements:	
LEGEND	
Hazard Pictogram(s)	 <p>GHS07</p> <p>GHS06 (Skull and Crossbones) GHS09 (Aquatic)</p>
Hazard classification	Acute Tox. 4: Harmful if swallowed.
Hazard Statement(s)	H302: Harmful if swallowed H300: Fatal if swallowed H310: Fatal in contact with skin. H411: Toxic to aquatic life with long lasting effects.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P102: Keep out of reach of children. P264: Wash ... thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330: Rinse mouth. P501: Dispose of contents/container to ...
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

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	<p>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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