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| <b>SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING</b>  |  |
|---|--|
| <b>1.1 Product Identifier</b>   |  |
| <b>Product Name:</b>  | Blackcurrant 12mg  |
| <b>Product Code (SDS No.):</b>  | V20199   |
| <b>1.2 Relevant identified uses of the substance or mixture and uses advised against:</b> |  |
| <b>Use:</b>   | E-Liquid for use in Electronic Cigarettes.                       |
| <b>Uses advised against:</b>  | Any use other than recommended use.                              |
| <b>1.3 Details of the supplier of the Safety Data Sheet:</b>                              |  |
| <b>Name of Supplier:</b>  | Flavour Warehouse LTD  |
| <b>Address:</b>   | Global Way,<br>Darwen,<br>Lancashire,<br>BB3 ORW                 |
| <b>Tel:</b>   | +44 1254 460124  |
| <b>E-mail:</b>  | <a href="mailto:tpd@vampirevape.co.uk">tpd@vampirevape.co.uk</a> |
| <b>1.4 Emergency telephone number</b>   |  |
| <b>Emergency Phone No.</b>  | +44 1254 460124  |
| <b>National Response Centre</b>   | National Poisons Information Service (Birmingham Centre)         |
| <b>Address</b>  | City Hospital,<br>Dudley Road,<br>Birmingham,<br>United Kingdom, |
| <b>Emergency Phone No.</b>  | +00 448 706 006 266 NHS Direct – 0845 4647 or 111                |

| <b>SECTION 2: HAZARDS IDENTIFICATION</b>                                     |  |
|--|--|
| <b>2.1 Classification of the substance or mixture</b>                        |  |
| <b>Regulation (EC) No. 1272/2008 (CLP)</b>                                   | Acute Tox. 4: Harmful if swallowed.  |
| <b>2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP)</b> |  |
| <b>Hazard Pictograms(s)</b>  | <br>GHS07   |
| <b>Signal Word(s)</b>  | Warning  |
| <b>Hazard Statement(s)</b>   | H302: Harmful if swallowed   |
| <b>Precautionary Statement(s)</b>  | P101: If medical advice is needed, have product container or label at hand.<br>P102: Keep out of reach of children.<br>P264: Wash ... thoroughly after handling.<br>P270: Do not eat, drink or smoke when using this product.<br>P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.<br>P330: Rinse mouth.<br>P501: Dispose of contents/container to ... |
| <b>2.3 Other hazards</b>   |  |
|  | None Known.  |
| <b>2.4 Additional Information</b>  |  |
|  | 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             | 1.2  | Acute Tox. 2 H300<br>Acute Tox 2 H310<br>Aquatic Chronic 2 H411 | GHS08<br>GHS09      |

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

|   |  |
|---|--|
| <b>General Information</b>  | In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).   |
| <b>Ingestion</b>  | DO NOT induce vomiting. Never give anything to an unconscious person. Rinse mouth with water. Get medical advice/attention should symptoms appear.   |
| <b>Skin Contact</b>   | Immediately flush skin with plenty of soap and water whilst removing contaminated clothing. Seek medical attention if irritation persists.   |
| <b>Eye Contact</b>  | Immediately flush eyes (holding eyelids apart) with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.  |
| <b>Inhalation</b>   | 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. |
| <b>4.2 Most important symptoms and effects, both acute and delayed</b>                |  |
|   | No information available. Treat symptomatically.   |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> |  |
|   | 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**

|  |   |
|--|---|
| <b>Suitable Extinguishing media</b>                              | Carbon dioxide, Alcohol foam, dry chemical or water spray/mist.   |
| <b>Unsuitable extinguishing media</b>                            | None  |
| <b>5.2 Special hazards arising from the substance or mixture</b> |   |
|  | During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.                            |
| <b>5.3 Advice for firefighters</b>                               |   |
|  | 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. |
| <b>6.2 Environmental precautions</b> |   |

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|   | Do not allow to enter drains, sewers or watercourses.   |
| <b>6.3 Methods and material for containment and cleaning up</b> |   |
|   | 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. |
| <b>6.4 Reference to other sections</b>                          |   |
|   | See Also Section 8, 13.   |

|   |  |
|---|--|
| <b>SECTION 7: HANDLING AND STORAGE</b>                                  |  |
| <b>7.1 Precautions for safe handling</b>                                |  |
|   | 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. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> |  |
|   | Store in a well-ventilated place. Keep cool. Protect against UV radiation/sunlight, heat and moisture.   |
| <b>Storage temperature</b>  | Ambient.   |
| <b>Storage life</b>   | Stable under normal conditions.  |
| <b>Incompatible materials</b>   | None known.  |
| <b>7.3 Specific end use(s)</b>  |  |
|   | Section 1.2  |

|   |   |                     |  |            |                           |       |
|---|---|---------------------|--|------------|---------------------------|-------|
| <b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |   |                     |  |            |                           |       |
| <b>8.1 Control parameters</b>                           |   |                     |  |            |                           |       |
| <b>8.1.1 Occupational Exposure Limits</b>               |   |                     |  |            |                           |       |
| SUBSTANCE   | CAS No.   | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m <sup>3</sup> )           | STEL (ppm) | STEL (mg/m <sup>3</sup> ) | 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. |
| <b>REGION</b>   |   |                     | <b>SOURCE</b>                                |            |                           |       |
| EU  |   |                     | EU Occupational Exposure Limits              |            |                           |       |
| UNITED KINGDOM  |   |                     | Workplace Exposure Limits (WEL)              |            |                           |       |
| <b>Remark</b>   |   |                     | <b>Notes</b>                                 |            |                           |       |
| IOELV   |   |                     | Indicative Occupational Exposure Limit Value |            |                           |       |
| <b>8.2 Exposure Controls</b>                            |   |                     |  |            |                           |       |
| <b>8.2.1 Appropriate engineering controls</b>           | Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. |                     |  |            |                           |       |
| <b>8.2.2 Personal protection equipment</b>              |   |                     |  |            |                           |       |
| <b>Protective Hygiene Measures</b>                      | Always close tightly are use. Remove contaminated clothing immediately and dispose of safely. Wash contaminated clothing prior to re-use.         |                     |  |            |                           |       |
| <b>Eye Protection</b>                                   | Wear eye protection with side protection (EN166).   |                     |  |            |                           |       |
| <b>Skin Protection</b>                                  | Wear suitable gloves if prolonged skin contact is likely. (EN374)   |                     |  |            |                           |       |
| <b>Respiratory Protection</b>                           | Handling of larger amounts a suitable mask with filter type A (EN14387 or   |                     |  |            |                           |       |

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|  | EN405) may be appropriate.                            |
| <b>Thermal Hazards</b>                       | None known.   |
| <b>8.2.3 Environmental Exposure Controls</b> | Do not allow to enter drains, sewers or watercourses. |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|   |  |
|---|--|
| <b>Appearance</b>                                   | Liquid   |
| <b>Colour</b>                                       | Clear colourless to light yellow.                                |
| <b>Odour</b>  | Characteristic   |
| <b>Odour threshold</b>                              | Not known.   |
| <b>pH</b>   | Not known.   |
| <b>Melting point/freezing point</b>                 | Not known.   |
| <b>Initial boiling point and boiling range</b>      | Not known.   |
| <b>Flash Point</b>                                  | Not known.   |
| <b>Evaporation rate</b>                             | Not known.   |
| <b>Flammability (solid, gas)</b>                    | Not known.   |
| <b>Upper/lower flammability or explosive limits</b> | Not known.   |
| <b>Vapour pressure</b>                              | Not known.   |
| <b>Vapour density</b>                               | Not known.   |
| <b>Density (g/ml)</b>                               | Not known.   |
| <b>Relative density</b>                             | Not known.   |
| <b>Solubility(ies)</b>                              | Solubility (Water): Not known.<br>Solubility (other): Not known. |
| <b>Partition coefficient: n-octanol/water</b>       | Not known.   |
| <b>Auto-ignition temperature</b>                    | Not known.   |
| <b>Decomposition Temperature (°C)</b>               | Not known.   |
| <b>Viscosity</b>                                    | Not known.   |
| <b>Explosive properties</b>                         | Not known.   |
| <b>Oxidising properties</b>                         | Not known.   |
| <b>9.2 Other Information</b>                        |  |
|   | None.  |

## SECTION 10: STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>10.1 Reactivity</b>                         | None anticipated.   |
| <b>10.2 Chemical Stability</b>                 | Stable under normal conditions.                               |
| <b>10.3 Possibility of hazardous reactions</b> | No hazardous reactions known is used for its intended purpose |
| <b>10.4 Conditions to avoid</b>                | Avoid friction, sparks, or other means of ignition.           |
| <b>10.5 Incompatible materials</b>             | Not known.  |
| <b>10.6 Hazardous decomposition products</b>   | May include, and are not limited to, oxides of carbon.        |

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

|                                      |  |
|--------------------------------------|--|
| <b>Acute toxicity – Ingestion</b>    | Calculation method: Acute Tox. 4, H302 |
| <b>Acute toxicity – Skin Contact</b> | Not classified.                        |

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| <b>Acute toxicity – Inhalation</b>    | Not classified. |
| <b>Skin corrosion/irritation</b>      | Not classified. |
| <b>Serious eye damage/irritation</b>  | Not classified. |
| <b>Skin sensitization data</b>        | Not classified. |
| <b>Respiratory sensitization data</b> | Not classified. |
| <b>Germ cell mutagenicity</b>         | Not classified. |
| <b>Carcinogenicity</b>                | Not classified. |
| <b>Reproductive toxicity</b>          | Not classified. |
| <b>Lactation</b>                      | Not classified. |
| <b>STOT – single exposure</b>         | Not classified. |
| <b>STOT – repeated exposure</b>       | Not classified. |
| <b>Aspiration hazard</b>              | Not classified. |
| <b>11.2 Other information</b>         |                 |
|                                       | Not known.      |

|  |            |      |      |
|--|------------|------|------|
| <b>SECTION 12: ECOLOGICAL INFORMATION</b>      |            |      |      |
| <b>12.1 Toxicity</b>                           |            |      |      |
| <b>Nicotine (ISO)</b>                          |            |      |      |
| RAINBOW TROUT (Oncorhynchus mykiss)            | 96H LC50   | 4    | mg/L |
| WATER FLEA (Daphnia magna)                     | 48H EC50   | 0.24 | mg/L |
| <b>12.2 Persistence and Degradation</b>        |            |      |      |
|  | Not known. |      |      |
| <b>12.3 Bio accumulative potential</b>         |            |      |      |
|  | Not known. |      |      |
| <b>12.4 Mobility in soil</b>                   |            |      |      |
|  | Not known. |      |      |
| <b>12.5 Results of PBT and vPvB assessment</b> |            |      |      |
|  | Not known. |      |      |
| <b>12.6 Other adverse effects</b>              |            |      |      |
|  | Not known. |      |      |

|  |   |
|--|---|
| <b>SECTION 13: DISPOSAL CONSIDERATIONS</b> |   |
| <b>13.1 Waste treatment methods</b>        |   |
|  | 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. |
| <b>13.2 Additional Information</b>         |   |
|  | Disposal should be in accordance with local, state or national legislation.   |

|  |   |                |                |
|--|---|----------------|----------------|
| <b>SECTION 14: TRANSPORT INFORMATION</b> |   |                |                |
|  | This product does not require a classification for transport according to the United Nations 'Recommendations on the Transport of Dangerous Goods'. |                |                |
| <b>14.1 UN number</b>                    |   |                |                |
|  | ADR/RID   | IMDG           | IATA/ICAO      |
| <b>UN Number:</b>                        | None assigned.  | None assigned. | None assigned. |
| <b>14.2 UN Proper Shipping Name</b>      |   |                |                |
|  | ADR/RID   | IMDG           | IATA/ICAO      |

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| <b>UN Proper Shipping Name:</b>  | None assigned. | None assigned.  | None assigned. |
| <b>14.3 Transport Hazard Class(es)</b>   |                |                 |                |
|  | ADR/RID        | IMDG            | IATA/ICAO      |
| <b>Transport Class</b>   | None assigned. | None assigned.  | None assigned. |
| <b>14.4 Packing Group</b>  |                |                 |                |
|  | ADR/RID        | IMDG            | IATA/ICAO      |
| <b>Packing Group:</b>  | None assigned. | None assigned.  | None assigned. |
| <b>14.5 Environmental Hazards</b>  |                |                 |                |
|  | ADR/RID        | IMDG            | IATA/ICAO      |
| <b>Environmental Hazards:</b>  | None assigned. | None assigned.  | None assigned. |
| <b>14.6 Special Precautions For User</b>   |                |                 |                |
| <b>Special Precautions:</b>  | See section 2  |                 |                |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> |                |                 |                |
|  | ADR/RID        | IMDG            | IATA/ICAO      |
| <b>Transport In Bulk:</b>  | None assigned. | None assigned.  | None assigned. |

|  |  |
|--|--|
| <b>SECTION 15: REGULATORY INFORMATION</b>  |  |
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> |  |
| <b>Authorisations:</b>   | Not applicable   |
| <b>Restrictions on use:</b>  | Not applicable   |
| <b>15.2 Chemical Safety Assessment</b>   |  |
| <b>Chemical safety assessment</b>  | A REACH chemical safety assessment has not been carried out on this mixture. |

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

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