


| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

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

| | |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1.1 Product Identifier | |
| Product Name: | King's Fool Concentrate |
| Product Code (SDS No.): | V20749 |
| 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) | Aquatic Chronic 3: Harmful to aquatic life with long lasting effects. Flam. Liq. 3: Flammable liquid and vapour. Skin Sens. 1: May cause an allergic skin reaction |
| 2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP) | |
| Hazard Pictograms(s) |  GHS02 GHS07 |
| Signal Word(s) | Warning |
| Hazard Statement(s) | H226: Flammable liquid and vapour. H317: May cause an allergic skin reaction. H412: Harmful to aquatic life with long lasting effects. |
| Precautionary Statement(s) | P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. 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+P364: Take off contaminated clothing and wash it before reuse. |

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

| | | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
| | P370+P378: In case of fire: Use water spray, foam, dry powder or CO2 to extinguish. 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. | |

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 |
| anethole | 104-46-1 | 203-205-5 | <2 | Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 2 H411 | GHS08 GHS07 GHS09 |
| Juniper, Juniperus communis, ext. | 84603-69-0 | 283-268-3 | <2 | Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411 | GHS02 GHS08 GHS07 GHS09 |
| Coriander, ext. | 84775-50-8 | 283-880-0 | <2 | Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411 | GHS08 GHS07 GHS09 |
| Caraway, ext. | 85940-31-4 | 288-921-6 | <0.5 | Flam. Liq. 3 H226 Acute Tox. 4 H302 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | GHS02 GHS08 GHS07 GHS09 |

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). Rinse skin with water. |
| Eye Contact | Treat symptomatically. |

| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

| | |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 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 | Use water spray, foam, dry powder or CO2 to extinguish. |
| Unsuitable extinguishing media | Water jet spray |
| 5.2 Special hazards arising from the substance or mixture | |
| | Flammable liquid and vapour. Combustion or thermal decomposition will evolve toxic and irritant vapours. |
| 5.3 Advice for firefighters | |
| | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions. |

| | |
|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SECTION 6: ACCIDENTAL RELEASE MEASURES | |
| 6.1 Personal precautions, protective equipment and emergency procedures | |
| | Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection. |
| 6.2 Environmental precautions | |
| | Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body. |
| 6.3 Methods and material for containment and cleaning up | |
| | Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses. |
| 6.4 Reference to other sections | |
| | See Also Section 8, 13. |

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SECTION 7: HANDLING AND STORAGE | |
| 7.1 Precautions for safe handling | |
| | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof [electrical/ventilating/lighting/...] equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. |
| 7.2 Conditions for safe storage, including any incompatibilities | |
| | Store in a well-ventilated place. Keep cool. |
| Storage temperature | Ambient. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | None known. |

| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

| | |
|--------------------------------|----------------------------------------------------|
| 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 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 Straw Colour |
| Odour | Gin and Tonic Odour |
| Odour threshold | Not known. |
| pH | Not known. |
| Melting point/freezing point | Not known. |
| Initial boiling point and boiling range | Not known. |
| Flash Point | 57°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. |

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

| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

| | |
|-----------------------------------------------|------------------------------------------------------------------|
| Relative density | 1.0275 +/- 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 | Avoid friction, sparks, or other means of ignition. |
| 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. |

| | |
|-----------------------------------------------------------------------------|-----------------|
| SECTION 12: ECOLOGICAL INFORMATION | |
| 12.1 Toxicity | |
| Harmful to aquatic life. Harmful to aquatic life with long lasting effects. | |
| Toxicity – Aquatic invertebrates | Not known. |
| Toxicity – Fish | Not known. |
| Toxicity – Algae | Not known. |
| Toxicity – Sediment | Not classified. |

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

| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

| | |
|------------------------------------------------|-----------------|
| Compartment | |
| 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. 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. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. |
| 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: | 1197 | 1197 | 1197 |
| 14.2 UN Proper Shipping Name | | | |
| | ADR/RID | IMDG | IATA/ICAO |
| UN Proper Shipping Name: | EXTRACTS, FLAVOURING, LIQUID | EXTRACTS, FLAVOURING, LIQUID | EXTRACTS, FLAVOURING, LIQUID |
| 14.3 Transport Hazard Class(es) | | | |
| | ADR/RID | IMDG | IATA/ICAO |
| Transport Class | 3 | 3 | 3 |
| 14.4 Packing Group | | | |
| | ADR/RID | IMDG | IATA/ICAO |
| Packing Group: | III | III | III |
| 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 |

| | | |
|-------------------------|----------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
|-------------------------|----------------|-----------------|

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)

GHS02 GHS07
GHS08: GHS: health hazard
GHS09: GHS: fish and tree

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1
Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2
Asp. Tox. 1 : Aspiration hazard, Category 1
Eye Irrit. 2 : Serious eye damage/irritation, Category 2
Flam. Liq. 2 : Flammable liquid, Category 2
Flam. Liq. 3 : Flammable liquid, Category 3
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated

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

| | | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Date of Issue: 08/10/18 | Version No.: 2 | Revision No.: 1 |
| | <p>clothing. Rinse skin with water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P370+P378: In case of fire: Use water spray, foam, dry powder or CO2 to extinguish. P403+P235: Store in a well-ventilated place. Keep cool. P501: Dispose of contents in accordance with local, state or national legislation.</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> | |
| Disclaimers | <p>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 particular purpose. Flavour Warehouse LTD gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Flavour Warehouse LTD accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.</p> | |