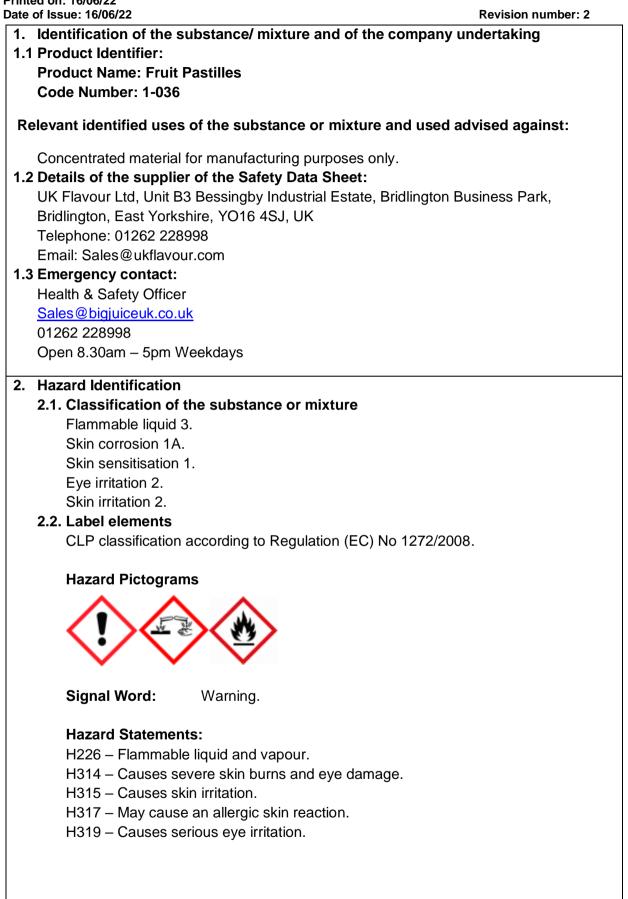
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**Precautionary Statements:** P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

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P233 – Keep container tightly closed.
P243 – Take precautionary measures against static discharge.
P260 – Do not breathe dust/fume/gas/mist/vapours/spray.
P264 – Wash thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P301+330+331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352 – IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 – IF ON SKIN (or hair): Remove/Take off immediately all
contaminated clothing. Rinse skin with water/shower.
P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position
comfortable for breathing.
P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P332+313 – If skin irritation occurs: Get medical advice/attention.
P333+313 – If skin irritation or rash occurs: Get medical advice/attention.
P362 – Take off contaminated clothing and wash before reuse.
P363 – Wash contaminated clothing before reuse.
P403+233 – Store in a well-ventilated place. Keep container tightly closed.
P403+235 – Store in a well-ventilated place. Keep cool.
P405 – Store locked up.
P501 – Dispose of contents/container in accordance with local regulations.
2.3. Other Hazards:

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

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#### 3. Composition/ information on ingredients:

Any percentage values listed for hazardous components are for illustrative purpose only

#### 3.2. Mixtures:

<b>CAS Information</b>	Chemical Name	Percentage %
57-55-6	Propylene Glycol	80 < 90
64-19-7	Acetic Acid	2 < 3
N/A	Furaneol 10% In MPG	2 < 3
38462-22-5	Thiomethone	2 < 3
105-54-4	Ethyl Butyrate	1 < 2
7452-79-1	Ethyl 2 Methyl Butyrate	1 < 2
107-92-6	Butyric Acid	1 < 2

Amounts and trace ingredients may not be listed due to trade secrets.

Refer to section 16 for the wording of listed classification and hazard statement codes

#### 4. First Aid Measures:

Please take into account the statements and phrases in section 2

#### 4.1. Description of First Aid measures:

After inhalation: Remove from the exposure area to fresh air. Contact a doctor if necessary.

After Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After Eye contact: Flush with plenty of water and seek medical advice if necessary.

After ingestion: Wash mouth with plenty of water and obtain medical advice immediately.

# **4.2. Most important symptoms and effects, both acute and delayed:** No information available at this time.

**4.3. Indication of immediate medical attention and special treatment needed:** No information available at this time.

#### 5. Fire Fighting Measures.

#### 5.1. Extinguishing Media:

Carbon dioxide, foam or dry powder. **DO NOT USE A DIRECT WATER JET.** 

### 5.2. Special hazards arising from the substance or mixture:

May produce Carbon dioxide and unidentified organic compounds.

#### 5.3. Advice for Fire-fighters:

Wear protective clothing and avoid inhalation of vapours.

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#### 6. Accidental release measures:

**6.1. Personal precautions, protective equipment and emergency procedures:** Remove all source of ignition. Avoid inhalation, skin and eye contact.

Ensure proper ventilation.

### 6.2. Environmental precautions:

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

#### 6.3. Methods and material for containment and cleaning up:

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

#### 6.4. Reference to other sections:

Refer to information in sections 7,8 and 13.

#### 7. Handling and storage.

#### 7.1. Precautions for safe handling:

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

#### 7.2. Conditions for safe storage, including any incompatibilities:

Store in tightly sealed original containers away from ignition sources and in a cool place.

#### 7.3. Specific end use(s):

Flavour concentrate for use in producing E-Liquid.

# Exposure Controls/ Personal protection. 8.1. Control parameters:

	Substance	Cas Number	LTEL (8 hr TWA ppm)	•	STEL (ppm)	STEL (mg/m3)	Note
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Propane-	57-55-6	150	474	-	-	-
1,2-diol Total						
Vapour and						
particulates			10			
Acetic Acid	64-19-7	10	25	20	50	-

#### 8.2 Exposure controls:

Engineering controls, Ensure adequate ventilation.

**Individual protection measures,** Refer to section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/Face protection, Wear safety goggles with side protection.

Hand protection, Wear chemically resistant disposal gloves.

**Other skin protection,** Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

**Respiratory protection**, Use inhalation protection in poorly ventilated areas. Handling of larger amounts a suitable mask with filter type A (EN14387 or EN405) may be appropriate. **Thermal hazards**, No information available.

Environmental exposure controls, Avoid release into the environment.

#### 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties:
Appearance: No information available.
Odour: No information available.
Melting point: No information available.
Initial boiling point: No information available.
Flash point: No information available.
Evaporation rate: No information available.
Flammability: No information available.
Upper flammable limit: No information available.
Vapour pressure: No information available.
Vapour density: No information available.
Relative density: No information available.
Solubility: No information available.

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**Revision number: 2** Partition coefficient: No information available. Auto-ignition temperature: No information available. Decomposition temperature: No information available. Viscosity: No information available. Explosive properties: No information available. Oxidising properties: No information available. 9.2. Other information: No further information available. 10. Stability and reactivity. 10.1. **Reactivity:** Not determined. 10.2. **Chemical stability:** Not determined. 10.3. Possibility of hazardous reactions: Not determined. 10.4. Conditions to avoid: Extreme temperatures. 10.5. Incompatible materials: Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards. 10.6. Hazardous decomposition products: Not determined. 11. Toxicological information. Information on toxicological effects: 11.1. Acute toxicity, no data available. Skin corrosion/irritation, Causes skin irritation. Serious eye damage irritation, Causes serious eye irritation. Respiratory or skin sensitisation, May cause an allergic skin reaction. Germ cell mutagenicity, no data available. Carcinogenicity, no data available. Reproductive toxicity, no data available. STO-Single exposure, no data available. STO-repeated exposure, no data available. Aspiration hazard, no data available. Information on likely routes of exposure, no data available. Symptoms related to the physical, chemical and toxicological characteristics, no data available. Delayed and immediate effects as well as chronic effects from short and long term exposure, no data available. Interactive effects, no data available. Other information, no data available.

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12. Ecological information.	
12.1. Toxicity:	
No data available.	
12.2. Persistence and degradability:	
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	
13. Disposable considerations.	
Please refer to the information in section 8 (exposure co	ntrols and personal protection)
13.1. Waste treatment methods:	
Dispose in accordance with the law and local regulations	s. Treat as trade effluent.
14. Transport information.	
14.1. UN Number:	
1197	
14.2. UN proper shipping name:	
Extract, flavouring, liquid.	
14.3 Transport hazard class (es):	
3	
14.4. Packing group: III	
14.5. Environmental Hazards:	
No relevant information available.	
14.6. Special precautions for user:	
No relevant information available.	
14.7. Transport in bulk according to Annex II of MAR	POL73/78 and the IBC code
Not applicable.	
15. Regulatory information.	
15.1. Safety, health and environmental regulations/le	gislation specific for the
substance or mixture:	
No relevant information available at this time.	
15.2. Chemical safety assessment:	
A chemical safety assessment has not been carried out.	

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16. Other information. Full list of precautionary phrases: P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 – Keep container tightly closed. P243 – Take precautionary measures against static discharge. P260 – Do not breathe dust/fume/gas/mist/vapours/spray. P264 – Wash thoroughly after handling. P271 – Use only outdoors or in a well-ventilated area. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P301+330+331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+352 - IF ON SKIN: Wash with plenty of soap and water. P303+361+353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+313 – If skin irritation occurs: Get medical advice/attention. P333+313 – If skin irritation or rash occurs: Get medical advice/attention. P362 – Take off contaminated clothing and wash before reuse. P363 – Wash contaminated clothing before reuse. P403+233 – Store in a well-ventilated place. Keep container tightly closed. P403+235 – Store in a well-ventilated place. Keep cool. P405 – Store locked up. P501 – Dispose of contents/container in accordance with local regulations. Wording of any hazard classes listed in section 2: Flammable liquid 3. Skin corrosion 1A. Skin sensitisation 1. Eye irritation 2. Skin irritation 2.

### Wording of any hazard statements listed in section 2:

H226 – Flammable liquid and vapour.

H314 – Causes severe skin burns and eye damage.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 - Causes serious eye irritation.