

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : Joe's Juice Cookie Dough Aroma

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : E-Liquid for use in Electronic Cigarettes

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Flawless Vape Labs Ltd  
Unit 15, 40 High Cliff Road  
LE5 1TY Hamilton - United Kingdom  
T 01162344820  
[tej@flawlessvapedistro.co.uk](mailto:tej@flawlessvapedistro.co.uk)

**1.4. Emergency telephone number**

Emergency number : 01162344820

| Country        | Organisation/Company                                                                             | Address                         | Emergency number | Comment |
|----------------|--------------------------------------------------------------------------------------------------|---------------------------------|------------------|---------|
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER London | +44 20 7188 7188 |         |

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
Child-resistant fastening : Applicable  
Tactile warning : Applicable

**2.3. Other hazards**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                                                                    | Product identifier                                                      | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|---------|-----------------------------------------------------------------|
| PROPYLENE GLYCOL<br>substance with a Community workplace exposure limit | (CAS-No.) 57-55-6<br>(EC-No.) 200-338-0<br>(REACH-no) 01-2119456809-23  | 40-50%  | Not classified                                                  |
| Vanillin                                                                | (CAS-No.) 121-33-5<br>(EC-No.) 204-465-2<br>(REACH-no) 01-2119516040-60 | 6,16575 | Eye Irrit. 2, H319                                              |
| ETHYL MALTOL                                                            | (CAS-No.) 4940-11-8<br>(EC-No.) 225-582-5                               | 1,315   | Acute Tox. 4 (Oral), H302                                       |

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                             |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). First aider: Pay attention to self-protection!. See section 8 of the SDS. |
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air. Allow the victim to rest. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.                      |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.                                                                                           |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.                                                                                                   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a POISON CENTER/doctor.                                                                                         |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after inhalation   | : Danger of serious damage to health by prolonged exposure through inhalation.             |
| Symptoms/effects after skin contact | : Harmful in contact with skin.                                                            |
| Symptoms/effects after ingestion    | : Swallowing a small quantity of this material will result in serious health hazard.       |

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                |                                                        |
|--------------------------------|--------------------------------------------------------|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

No additional information available

#### 5.3. Advice for firefighters

|                             |                                     |
|-----------------------------|-------------------------------------|
| Precautionary measures fire | : Keep cool. Protect from sunlight. |
|-----------------------------|-------------------------------------|

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|                                |                                                                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. EN 13911. EN 1486. EN 15090. EN 15614. EN 443. EN 469. EN 659.        |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".                            |
| Emergency procedures | : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Only qualified personnel equipped with suitable protective equipment may intervene. |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Equip cleanup crew with proper protection. Protective gloves. Safety glasses. Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area.                                                                                                                                                                                                    |

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Large spills: scoop solid spill into closing containers. |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |                                                                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin.              |
| Hygiene measures              | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash hands thoroughly after handling. |

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

|                            |                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Storage conditions         | : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products      | : Strong bases. Strong acids.                                                                                             |
| Incompatible materials     | : Sources of ignition. Direct sunlight.                                                                                   |
| Special rules on packaging | : Keep only in original container.                                                                                        |
| Packaging materials        | : Keep only in the original container in a cool,well-ventilated place away from combustible materials.                    |

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### PROPYLENE GLYCOL (57-55-6)

###### EU - Occupational Exposure Limits

|                   |           |
|-------------------|-----------|
| IOELV TWA (mg/m³) | 474 mg/m³ |
| IOELV TWA (ppm)   | 150 ppm   |

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Measure concentrations regularly, and at the time of any change occurring in conditions likely to have consequences on workers exposure. Ensure that there is a suitable ventilation system.

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### Hand protection:

Wear protective gloves.

| Type              | Material             | Permeation       | Thickness (mm) | Penetration | Standard |
|-------------------|----------------------|------------------|----------------|-------------|----------|
| Disposable gloves | Nitrile rubber (NBR) | 2 (> 30 minutes) | 0.16           |             |          |

##### Eye protection:

Chemical goggles or safety glasses

| Type           | Use     | Characteristics                   | Standard |
|----------------|---------|-----------------------------------|----------|
| Safety glasses | Droplet | clear, Plastic, With side shields | EN 166   |

##### Respiratory protection:

Wear appropriate mask. In case of insufficient ventilation, wear suitable respiratory equipment

| Device                                                                               | Filter type | Condition      | Standard |
|--------------------------------------------------------------------------------------|-------------|----------------|----------|
| Air-Purifying Respirator (APR), reusable, Air-Purifying Respirator (APR), disposable | Type P3     | Mist formation | EN 143   |

##### Personal protective equipment symbol(s):



##### Environmental exposure controls:

Avoid release to the environment.

##### Consumer exposure controls:

Avoid contact during pregnancy/while nursing.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                |                            |
|----------------|----------------------------|
| Physical state | : Liquid                   |
| Appearance     | : Clear, colorless liquid. |
| Molecular mass | : ≥ 62 g/mol               |

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|                                                 |                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Colour                                          | : Colourless.                                                                                         |
| Odour                                           | : characteristic.                                                                                     |
| Odour threshold                                 | : No data available                                                                                   |
| pH                                              | : $\approx 6 - 8$                                                                                     |
| Relative evaporation rate (butylacetate=1)      | : No data available                                                                                   |
| Melting point                                   | : $> -12,9\text{ }^{\circ}\text{C}$                                                                   |
| Freezing point                                  | : $> -12,9\text{ }^{\circ}\text{C}$                                                                   |
| Boiling point                                   | : $\geq 190\text{ }^{\circ}\text{C}$                                                                  |
| Flash point                                     | : $> 93\text{ }^{\circ}\text{C}$                                                                      |
| Auto-ignition temperature                       | : $\geq 393\text{ }^{\circ}\text{C}$                                                                  |
| Decomposition temperature                       | : No data available                                                                                   |
| Flammability (solid, gas)                       | : Non flammable.                                                                                      |
| Vapour pressure                                 | : No data available                                                                                   |
| Relative vapour density at 20 °C                | : No data available                                                                                   |
| Relative density                                | : No data available                                                                                   |
| Density                                         | : $> 1\text{ g/ml}$                                                                                   |
| Solubility                                      | : Soluble in water with difficulty.                                                                   |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                                                                   |
| Viscosity, kinematic                            | : No data available                                                                                   |
| Viscosity, dynamic                              | : $\approx 0,042 - 0,95\text{ Pa}\cdot\text{s}$                                                       |
| Explosive properties                            | : Not classified as explosive according to EC criteria, but may present risks in the event of a fire. |
| Oxidising properties                            | : The product is non-reactive under normal conditions of use, storage and transport.                  |
| Explosive limits                                | : No data available                                                                                   |

### 9.2. Other information

Other properties : Soluble in benzyl alcohol.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Acute toxicity (oral)       | : Not classified                        |
| Acute toxicity (dermal)     | : Not classified                        |
| Acute toxicity (inhalation) | : Not classified                        |
| Skin corrosion/irritation   | : Not classified<br>pH: $\approx 6 - 8$ |

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|                                                     |                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Serious eye damage/irritation                       | : Not classified<br>pH: $\approx 6 - 8$                                                                     |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Respiratory or skin sensitisation                   | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Germ cell mutagenicity                              | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Carcinogenicity                                     | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Reproductive toxicity                               | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| STOT-single exposure                                | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| STOT-repeated exposure                              | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Aspiration hazard                                   | : Not classified                                                                                            |
| Additional information                              | : Based on available data, the classification criteria are not met                                          |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. Harmful if inhaled. Toxic if swallowed. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                           |                                                      |
|-----------------------------------------------------------|------------------------------------------------------|
| Ecology - water                                           | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified                                     |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

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|                           |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |
|---------------------------|------------------------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### Joe's Juice Cookie Dough Aroma

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

|                        |                                     |
|------------------------|-------------------------------------|
| Additional information | : Avoid release to the environment. |
|------------------------|-------------------------------------|

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional legislation (waste)               | : Disposal must be done according to official regulations.                                                                                                                                                                            |
| Waste treatment methods                    | : Must follow special treatment according to local regulation.                                                                                                                                                                        |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                                                                                                                                                            |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| Ecology - waste materials                  | : Avoid release to the environment. Hazardous waste due to toxicity.                                                                                                                                                                  |

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not applicable

##### Air transport

Not applicable

##### Inland waterway transport

Not applicable

##### Rail transport

Not applicable

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)  
Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.  
Other information : None.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Not classified

#### Full text of H- and EUH-statements:

|                     |                                               |
|---------------------|-----------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4             |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2 |
| H302                | Harmful if swallowed.                         |
| H319                | Causes serious eye irritation.                |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.