# MATERIAL SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY/UNDERTAKING

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| **PRODUCT NAME:** | Pom Berry ; 0 mg/ml |
| **PRODUCT NUMBER:** | XYFRA81626; n/a |
| **BRAND:** | AMA Vape Lab |
| **PRODUCT DESCRIPTION/ IDENTIFIED USES:** | The supplied product is a flavour preparation, sometimes also referred to as nicotine free e-liquid. It may be used in electronic cigarette devices for generation of aerosol which can then be inhaled and exhaled by the end-user. |
| **SUPPLIER:** | Xyfil Ltd.,<br>Unit 1, 15-19 Sedgwick Street, Preston PR1 1TP Lancashire, UK<br>Tel: +44 (0)1772 888 778<br>**Emergency Tel.**: +44 (0)7779 594 460<br>E-mail: emergency@xyfil.com |

## 2. HAZARDS IDENTIFICATION

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| **Classification of the mixture:** | This product has no classification according to Regulation (EC) No 1272/2008 |
| **Label Elements:** | This product does not need to be labelled in accordance to Regulation (EC) No 1272/2008 |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component of the Mixture | Concentration | Classification |
|---|---|---|
| Name: Nicotine<br>CAS No: 54-11-5<br>EC No: 200-193-3<br>Index No: 614-001-00-4 | 0 mg/ml | No classification according to Regulation (EC) No 1272/2008 |
| Name: Glycerol<br>CAS No: 56-81-5<br>EC No: 200-289-5 | 65.00 % (v/v) | No classification according to Regulation (EC) No 1272/2008 |
| Name: Propylene Glycol<br>CAS No: 57-55-6<br>EC No: 200-338-0 | 35.00 % (v/v) | No classification according to Regulation (EC) No 1272/2008 |

## 4. FIRST AID MEASURES

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| **EYE CONTACT:** | Bathe/rinse the eye with running cold water for 15 minutes. Consult physician if necessary.<br>May cause mild irritation. Repeated exposure may cause chronic eye irritation. |
| **SKIN CONTACT:** | Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash the affected skin area with running water for 10 minutes or longer if substance is still on skin. If irritation develops or persists seek medical attention.<br>May cause mild irritation to areas of broken or sensitive skin. |
| **INGESTION:** | If conscious, wash the mouth out with water. Never give anything by mouth to an unconscious person. May cause mild irritation of the gastrointestinal tract if a large quantity is ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea. If conscious, give half a litre of water to drink immediately. Seek medical attention. |
| **INHALATION:** | Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms develop seek medical attention. If unconscious, check for breathing and apply artificial respiration if necessary.<br>May cause irritation of the mucous membranes and respiratory system. Prolonged inhalation of mists may cause lung inflammation. |
| **DELAYED/IMMEDIATE EFFECTS::** | Immediate effects can be expected after short term exposure (especially if large quantities are ingested or inhaled). |
| **IMMEDIATE/SPECIAL TREATMENT:** | Not applicable. |

## 5. FIRE FIGHTING MEASURES

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| **EXPOSURE HAZARDS:** | The product is not flammable but may support combustion. In combustion it emits toxic fumes of carbon dioxide/carbon monoxide and acrolein. |
| **EXTINGUISHING MEDIA:** | Suitable extinguishing media for the surrounding fire should be used. Compatible media: Carbon dioxide; polymer foam; Dry chemical powder. Water spray (do not use water jet) can be used to cool fire exposed surfaces or directly on the fire provided if the risk of spreading the fire is very low. |
| **PROTECTION FOR FIRE-FIGHTERS:** | Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. |

## 6. ACCIDENTAL RELEASE MEASURES

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| **PERSONAL PRECAUTIONS:** | Avoid breathing vapours, mist or gas. Wear respiratory protection. Ensure adequate ventilation. Evacuate personnel to safe areas. Eliminate all sources of ignition.<br>Wear suitable protective clothing. Do not handle the product without suitable protective clothing – see Section 8. |
| **CLEAN-UP PROCEDURES:** | Dilute the sample with a good amount of water before absorbing the spillage into a tissue or dry earth or inert absorbent material (depending on the quantity of spillage). After clean-up, wash the spillage site with a large amount of water. Dispose of waste as hazardous. Keep in suitable, closed containers for disposal. |
| **ENVIRONMENTAL PRECAUTIONS:** | Prevent further leakage or spillage if safe to do so. Do not let product enter drains. The product contains nicotine and can pose risk to aquatic animals if released in large quantities. |

## 7. HANDLING AND STORAGE

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| **HANDLING:** | Avoid contact with skin and eyes. Avoid the formation or spread of mists in the air. Causes slippery surface when spilled. Ensure there is sufficient ventilation of the area. |
| **STORAGE:** | Store in cool, dry and well-ventilated area. Keep containers tightly closed. Protect from low temperatures, frost, direct sunlight or high temperatures. Ideal storage temperature range: between 20 to 25 degree Celsius. |
| **SUITABLE PACKAGING:** | Wherever possible, should only be kept in original packaging. Other suitable containers: Steel drums; Aluminium containers, glass containers, and high density polyethylene. Some rubbers and plastics (low density polyethylene) are attacked by the product. |

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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| **WORKPLACE EXPOSURE LIMITS:** | For Nicotine (CAS: 54-11-5), TWA of 0.5 mg/m3 (Europe & UK EH40 WEL). |
| **ENGINEERING MEASURES:** | Ensure there is sufficient ventilation of the area. |
| **EYE PROTECTION:** | Safety goggles (solvent resistant). Ensure eye bath is to hand. |
| **SKIN PROTECTION:** | Protective clothing and boots. Wear gloves when handling the product. |
| **RESPIRATORY PROTECTION:** | Not normally required under normal conditions of use and with adequate ventilation. Formation of mist or fumes must be avoided. Respiratory protection must be used if there is a risk of fumes or misting. Particle filter class P1 (EN143). Gas/vapour filter Type A: organic vapours (EN141). |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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| **APPEARANCE:** | Liquid form |
| **COLOUR:** | No data available. |
| **ODOUR:** | No data available. |
| **EVAPORATION RATE:** | Negligible |
| **OXIDISING:** | Non-oxidising by EC criteria. |
| **SOLUBILITY IN WATER:** | Miscible in almost all proportions. |
| **ALSO SOLUBLE IN:** | Benzene, acetone, chloroform, carbon tetrachloride, carbon disulphide and most alcohols |
| **VISCOSITY:** | Viscous. |
| **BOILING POINT (°C):** | Not determined. |
| **FLAMMABILITY LIMITS % LOWER:** | Not determined (Product is combustible but not flammable) |
| **FLAMMABILITY LIMITS % UPPER:** | Not determined (Product is combustible but not flammable) |
| **FLASH POINT (°C):** | Not determined. |
| **AUTOFLAMMABILITY (°C):** | Not determined. |
| **RELATIVE DENSITY @ 20°C:** | ~1.180mg/ml |
| **MELTING POINT (°C):** | Not determined. |
| **VAPOUR PRESSURE:** | Not determined. |
| **pH:** | Not determined. |
| **PART. COEFFICIENT n-OCTANOL/WATER:** | Not determined. |

## 10. STABILITY AND REACTIVITY

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| **REACTIVITY:** | Stable under recommended transport or storage conditions. |
| **CHEMICAL STABILITY:** | Stable under normal conditions. The product is hygroscopic. |
| **HAZARDOUS REACTIONS:** | Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. |
| **CONDITIONS TO AVOID:** | Heat; hot surfaces; sources of ignition; flames; static discharge; moist air; humidity; moisture. |
| **MATERIALS TO AVOID:** | Strong acids; Strong alkalis; Strong oxidising agents. |
| **HAZARDOUS DECOMPOSITION PRODUCTS:** | In combustion emits toxic fumes of carbon dioxide/carbon monoxide or acrolein. In a fire may liberate acrid and irritant fumes. |

## 11. TOXICOLOGICAL INFORMATION

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| **ORAL:** | None determined for the product.<br><br>For Propylene Glycol (100%): Rat LD50 20,000 mg/kg.bw<br>For Glycerol (100%): Rat LD50 12,600mg/kg.bw |
| **DERMAL:** | None determined for the product.<br><br>For Propylene Glycol (100%): Rabbit LD50 >10,000 mg/kg<br>For Glycerol (100%): Rabbit LD50 >10,000 mg/kg.bw |
| **SKIN CONTACT:** | Skin contact must be avoided as the product contains nicotine which is readily absorbed through skin. There may be mild irritation at the site of contact, or may cause mild discomfort and redness. |
| **EYE CONTACT:** | Eye contact must be avoided as the product contains nicotine which is readily absorbed through eye. There may be irritation and redness. |
| **INGESTION:** | May cause mild irritation of the gastrointestinal tract if large quantities are ingested. Nausea and stomach pain may occur. There may be vomiting and diarrhoea. |
| **INHALATION:** | Not applicable under normal conditions of use. Prolonged inhalation of mists may cause lung inflammation or irritation of the mucous membranes and respiratory system. |
| **DELAYED/IMMEDIATE EFFECTS:** | Immediate effects can be expected after short term exposure. |

## 12. ECOLOGICAL INFORMATION

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| **ECOTOXICITY VALUES:** | None established for the product. |
| **PERSISTENCE AND DEGRADABILITY:** | Readily Biodegradable. |
| **BIOACCUMULATIVE POTENTIAL:** | No data available on the mixture |
| **MOBILITY IN SOIL:** | Soluble in water; non-volatile; readily absorbed into soil. |

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| **PBT IDENTIFICATION:** | No data available on the mixture |
| **BIOCONCENTRATION FACTOR:** | No data available on the mixture |
| **NOEC FOR MARINE OR FRESH WATER ORGANISMS:** | No data available on the mixture |
| **OTHER ADVERSE EFFECTS:** | No data available on the mixture |

## 13. DISPOSAL CONSIDERATIONS

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| **DISPOSAL OPERATIONS:** | Very small quantities (say <20 ml) may be discharged into the drains provided it is diluted before discharge. Large quantities should be given to licensed disposal company. |
| **RECOVERY OPERATIONS:** | No information available at this time. |
| **DISPOSAL OF PACKAGING:** | Contaminated containers can be treated as household waste provided they are washed and cleaned with water. Where practical, containers and packaging should be recycled by a licensed contractor (note regional or national regulations). |

## 14. TRANSPORT INFORMATION

This product does not require any transport label in accordance The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). ECE/TRANS/242, Vol. I and II and corrigenda.

## 15. REGULATORY INFORMATION

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| **SPECIFIC REGULATIONS:** | This product is regulated under "Tobacco Products Directive 2014/14/EU (TPD)" and all of its transpositions into individual Member States in the European Union. |
| **CHEMICAL SAFETY ASSESSMENT:** | A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. |

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. LEGAL DISCLAIMER

**Date Created:** 24th June, 2017

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