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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

BRAND NAME: Summer Holidays

PRODUCT NAME: Sun Tan Mango 0mg/mL

PRODUCT REFERENCE: RDFRA61322

EC PRODUCT ID: 00062-17-00151

IUPAC NAME: Not Applicable

PRODUCT DESCRIPTION: The given product is an e-liquid that is to be used in electronic cigarette devices for generation of aerosol which is then inhaled by the end-user.

SUPPLIER: Dinner Lady Fam Ltd
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2. HAZARDS IDENTIFICATION

CLASSIFICATION UNDER CLP: No classification in any toxicity categories.

LABEL ELEMENTS: (EC) No. 1272/2008 [CLP]:

No classification for our products under the new adopted harmonised classification for nicotine and hence no 'Labelling Elements' are required for these products. However, TPD regulations require the following precautionary statement to be included mandatorily:

P102: "Keep out of reach of children"

OTHER HAZARDS: This substance is not identified as a PBT substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Active ingredients only by product Variants:

PRODUCT VARIANT: Strawberry Bikini – 0MG/ML

<i>Name</i>	<i>CAS registry number</i>	<i>EINECS number (EC NO.)</i>	<i>Concentration</i>
Nicotine	54-11-5	200-193-3	0 mg/mL
Propylene Glycol	57-55-6	200-338-0	≤ 30% (v/v)
Glycerol	56-81-5	200-289-5	≤ 70% (v/v)

4. FIRST AID MEASURES

EYE CONTACT: May cause mild irritation. Repeated exposure may cause chronic eye irritation. Bathe the eye with running cold water for 15 minutes. Consult a physician if necessary.

SKIN CONTACT: May cause mild irritation to areas of broken or sensitive skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. If irritation develops or persists seek medical attention.

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. If conscious, wash the mouth out with water. Do NOT induce vomiting unless advised by a medical professional. If conscious, give half a litre of water to drink immediately. If irritation develops or persists seek medical attention.

INHALATION: This route of exposure is not applicable under normal conditions of use. Prolonged inhalation of mists may cause lung inflammation. May cause irritation of the mucous membranes and respiratory system. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If symptoms develop seek medical attention.

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

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. Use water spray to cool fire exposed surfaces. Compatible media: water spray (do not use water jet); Carbon dioxide; polymer foam; Dry chemical powder.

PROTECTION FOR FIRE-FIGHTERS: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing. Do not attempt to take action without suitable protective clothing – see Section 8. Eliminate all sources of ignition.

CLEAN-UP PROCEDURES: Dilute the sample with a good amount of water before absorbing the spillage into a tissue or dry earth or sand. After clean-up, wash the spillage site with a large amount of water.

ENVIRONMENTAL PRECAUTIONS: The product contains nicotine and can pose risk to aquatic animals if released in large quantities. If discharge into drains is required, dilute the product in large quantities of water before discharge.

7. HANDLING AND STORAGE

HANDLING: Wear suitable protective clothing. 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

WORKPLACE EXPOSURE LIMITS: None established.

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

APPEARANCE: Liquid

COLOUR: Yellowish brown.

ODOUR: Not known.

EVAPORATION RATE: Negligible.

OXIDISING: Non-oxidising by EC criteria.

SOLUBILITY IN WATER: Soluble.

ALSO SOLUBLE IN: Most organic solvents.

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: ~1.145 g/ml.

MELTING POINT (°C): Not determined.

PART. COEFFICIENT n-OCTANOL/WATER: -1.07.

VAPOUR PRESSURE: Not determined.

pH: Not determined.

10. STABILITY AND REACTIVITY

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

ORAL: None determined for the product.

For Nicotine (100%): Rat oral LD₅₀ = 50 mg/kg.bw

DERMAL: None determined for the product.

For Nicotine (100%): Rabbit dermal LD₅₀ = 50 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

ECOTOXICITY VALUES: None established for the product.

For nicotine:

Xenopus laevis: LC₅₀ = 136 mg/L for 96 hr; 100% purity

Daphnia magna: EC₅₀ = 0.035 mmol/L for 24 hr

Oncorhynchus mykiss: LC₅₀ = 5 mg/L for 60 days; >98% purity

Dugesia dorocephala: LC₅₀ = 50 to 75 mg/L for 10 days

PERSISTENCE AND DEGRADABILITY: Readily Biodegradable.

BIOACCUMULATIVE POTENTIAL: Product is not expected to bio accumulate.

MOBILITY IN SOIL: Soluble in water; non-volatile; readily absorbed into soil.

PBT IDENTIFICATION: This substance is not identified as a PBT substance.

BIOCONCENTRATION FACTOR: Not known.

NOEC FOR MARINE OR FRESH WATER ORGANISMS: Not known

OTHER ADVERSE EFFECTS: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OPERATIONS: Transfer to a suitable container for dilution with a good quantity of water before discharging into the drains.

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

TRANSPORT CLASS: This product does not require a classification for transport. The product is non-hazardous, non-toxic and non-flammable. The product is suitable for land, sea, water or air (including passenger aircraft) transport.

15. REGULATORY INFORMATION

SPECIFIC REGULATIONS: This product is regulated under "The Tobacco and Related Products Regulations, 2016 No. 507".

CHEMICAL SAFETY ASSESSMENT: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. LEGAL DISCLAIMER

Date Created: 04th May, 2017

The information provided in this safety data sheet is correct/accurate and represents the best information available to us – and believed to be reliable – at the time of publication. This information is given in good faith without any representation or warranty, expressed or implied, regarding its accuracy or correctness and we assume no liability resulting from its use.

The customer must satisfy themselves that the product is entirely suitable for their particular purposes/use. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a (user's) workplace. In no event shall Dinner Lady Fam be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Dinner Lady Fam has been advised of the possibility of such damages. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.