

SAFETY DATA SHEET

According to CLASS Regulations 2013 (GHS)

SECTION 1: IDENTIFICATION OF THE CHEMICAL AND OF THE SUPPLIER

1.1. Product identifier

Product name: The Medusa Juice E-Liquid (nicotine free)

Other means of identification: Vape juice, E-cigarette liquid, E-juice

This e-liquid may appear in any of the below flavours:

1. Pear
2. Blackcurrant
3. Green Apple
4. Lemon Lime
5. Pomegranate
6. Peach Candy

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

Identified uses

For vaping; Liquid to be used in electronic cigarettes (atomisers)

Uses advised against

Usage other than stated above

1.3. Details of the supplier of the safety data sheet

Medusa Juice Sdn Bhd

Unit 12, Jalan OS 1,
Taman One Sierra,
68100 Selayang,
Selangor,
Malaysia.

Tel : +6016-2900 061

E-mail: medusajuicekl@gmail.com

1.4 Emergency telephone number

National Poison Center,
Universiti Sains Malaysia,
11800 Penang,
Malaysia.

Office Hours:

1-800-88-8099 / +604-657 0099
(Monday-Friday: 8.10am-5.10pm)

After Office Hours:

+6012-430 9499
(including weekends and public holidays)



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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. According to "CLASS Regulations 2013 (Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 3rd Edition)":

Product: E-liquid (mixture)

GHS Classification : **Not classified**
(non-hazardous mixture under GHS / CLASS Regulations 2013 criterias)

2.2. Label elements

Labelling according to CLASS Regulations 2013 (GHS)

Hazard Pictograms

Not applicable

Signal word:

Not applicable

Hazard statements

Not applicable

Precautionary statements

Not applicable

2.3. Other hazards

None known

SECTION 3: COMPOSITION AND INFORMATION OF THE INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Mixture solution of ingredients

Components	% w/w	CAS-No	GHS Classification (individual components)
Vegetable Glycerine USP	45	56-81-5	Not classified
Propylene Glycol USP	45	57-55-6	Not classified
Flavourings (food grade)	10	-	Not classified
Sweetener	3	56038-13-2	Not classified

* Does not contain any nicotine.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice:

Treat according to symptoms.

Skin contact:

Rinse thoroughly with water.

Inhalation:

In case of unconsciousness (very unlikely), place patient stably in side position for transportation.

Eye contact:

Rinse immediately with running water, also under the eyelids.



Ingestion:

Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Protection of first-aiders:

Wear personal protective equipment.

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

Not expected to have adverse acute effects.

4.3. Indication of immediate medical attention and special treatment needed

Current underlying conditions such as respiratory ailments can be made worse if exposed to this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons:

None known.

5.2. Special hazards arising from the substance or mixture

In case of fire hazardous decomposition products may be produced such nicotine vapours and oxides of carbon.

5.3. Advice for fire-fighters

Wear self-contained respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Prevent unauthorized access.

6.2. Environmental precautions

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up

Spills can be reuse or recycle if possible. Absorb spills in special absorbents or inert materials such as diatomite or vermiculite and collect in suitable container for disposal. Dispose of as special waste in compliance with local and national regulations. Prevent further leakage or spillage if safe to do so.

6.4. Reference to other sections

For personal protection see section 8. See also section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use and handle in well ventilated areas.

Handle in accordance with good industrial hygiene and safety practise.

7.2. Conditions for safe storage, including any incompatibilities

Avoid extreme temperatures during storage. Keep container tightly sealed.

Storage Temperature

Room temperature. Protect from excessive temperatures.

7.3. Specific end uses



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

National occupational exposure limits / Biological occupational exposure limits

Components	
Listed in (USECHH Regulations 2000) Malaysia: Glycerine (mist) : 10 mg/m³, 8 hr TWA	Other ingredients : Not listed in (USECHH Regulations 2000) Malaysia

Recommended monitoring procedures

No information available

8.2. Exposure controls (in occupational settings)

Exhaust ventilation should be designed to prevent accumulation and recirculation in the workplace. Aim to keep air concentration of nicotine below the limits above.

Individual protection measures

Hygiene measures

Handle in accordance with good industrial hygiene and safety practise

In case of brief exposure or low pollution use respiratory filter device. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Eye goggles recommended during refilling.

Respiratory protection for occupational settings:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Recommended Filter type: organic vapour and particles.

Thermal hazards:

None known

Environmental exposure controls:

Do not empty into drains.

Discharge of liquids into the environment must be avoided.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form	Clear liquid
Colour:	Colourless to various colours
Odour:	Fruity
Odour Threshold	No data available
Melting point (°C):	No data available
Boiling point (°C):	No data available
Flash point (°C):	> 100



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Evaporation rate:	No data available
Flammability	Not flammable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapour pressure:	No data available.
Relative vapour density	No data available
Water solubility	Soluble
Partition coefficient: n-octanol/water	No data available
Autoignition temperature (°C):	No data available
Decomposition temperature (°C):	No data available
Viscosity:	+/- 1412 mPa.s
Explosive properties:	Non explosive
Oxidising properties	Non oxidising
pH:	No data available
Relative density	No data available

9.2. Other information

VOC Content (%):
No data available

Solubility in other solvents:
No information available

Bulk density
Not applicable

Ignition temperature (°C):
No data available

Solidification point (°C):
No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
None under normal usage.

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
None



10.4. Conditions to Avoid

None known.

10.5. Incompatible materials:

Oxidizing substances.

10.6. Hazardous Decomposition Products

No dangerous decomposition products known if used accordingly as intended.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin contact

No effect expected.

Eye contact

No effect expected.

Inhalation

No effect expected.

Ingestion

No effect expected.

Carcinogenic effects

None known.

Mutagenic effects

None known.

Reproductive toxicity

None known.

STOT - repeated exposure

None known.

Aspiration hazard

None known.

Other information on acute toxicity

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Eco-Toxicity

No data available

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects



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No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues / unused products:

Reuse or recycle whenever possible. If not, dispose of in accordance with local regulations stated below.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal.

Relevant regulation:

Dispose according to Environmental Quality (Scheduled Wastes) Regulations 2005 – Malaysia or other relevant regulation at the country of use.

SECTION 14: TRANSPORTATION INFORMATION

14.1. UN-Number

Not regulated as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class

Not applicable

14.4. Packing group

Not applicable

14.4.1. Further information for transport

IMDG Not regulated

ADR/RID Not regulated

ICAO/IATA Not regulated

14.5. Environmental hazards:

None

14.6. Special precautions for user

Observe label precautions

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

None known

SECTION 15: REGULATORY INFORMATION

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

Glycerine is listed in USECHH (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000 - Malaysia.

Further Information:

This SDS is prepared for the purpose of providing safety information for transportation and occupational handling conditions. It is not meant as health information from inhaling this product from vaping/e-cigarettes applications.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this substance.



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SECTION 16: OTHER INFORMATION

This safety data sheet has been prepared according to following regulations:

CLASS (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013, Malaysia specifically the CLASS Industrial Code of Practice, where available.

General rule for classification and hazard communication of chemicals Safety Data Sheet for Chemical Products Content and Order of Sections Globally Harmonized System of Classification and Labelling of Chemicals (UN GHS).

Hazard statements:

None

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, processing, storage, transportation, disposal and accidental release and is not to be considered a warranty or quality specification. The health effect from using it through inhalation from e-cigarette atomisation or vaping is not covered in this Safety Data Sheet. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

