



IVAPOURS (DONGGUAN) TECHNOLOGY CO., LIMITED

艾维（东莞）生物科技有限公司

Safety Data Sheet (SDS)



Prepared For: HONGKONG TYPHOON INTERNATIONAL CO., LIMITED
ROOM 1502, EASEY COMMERCIAL BUILDING, 253-261
HENNESSY ROAD, WANCHAI, HONGKONG

Brand: HYVE

Product Name: Apple Grape Raspberry 0mg/ml

Model: DA2022042101

Prepared By: IVAPOURS (DONGGUAN) TECHNOLOGY CO., LIMITED
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No.: IV20221206L02

Checked by

Approved by
(Technical Manager)



Safety Data Sheet

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

Apple Grape Raspberry 0mg/ml**SECTION1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade Name	Apple Grape Raspberry 0mg/ml
Product Model	DA2022042101
Cat No.	Not applicable
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable

1.2 Relevant identified uses of the substance or Mixture and uses advised against**Relevant Identified uses** For use in electronic cigarettes only.**1.3 Details of the supplier of the safety data sheet**

Name of the company	IVAPOURS (DONGGUAN) TECHNOLOGY CO., LIMITED
Address of the company	3F,Building D, No.1, Shuanglong Road, Chang'an Town, Dongguan City,China
Post Code	523000
Telephone number	+86-13682565833
Email address.	jeffrey@ivapours.com
Website	www.ivapours.com

1.4 Emergency telephone number**Emergency Tel:** +86-13682565833

Monday – Friday: 9:00AM - 5:00PM

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No1272/2008(CLP)

Hazard Class	Category	Hazard Class and category	Hazard Code
Acute Toxicity, Oral	Cat 4	Acute TOx.4	H302

*Remarks: For full text of H-Phrases: See SECTION 16.***2.2 Label elements**

Labeling according to Regulation(EC) No 1272/2008(CLP)

Signal Word **Warning**
GHS07**Hazard Pictograms****Hazard Statements**

H302 Harmful if swallowed

Precautionary Statements**Precautionary Statements - General**

P102 Keep out of reach of children

Precautionary Statements - Prevention

P264 Wash hands thoroughly after handling.

P270 Do not eat,drink or smoke when using this product.

Precautionary Statements - Response

P301+P312 IF SWALLOWED: Call a doctor if you feel unwell.

Precautionary Statements - Disposal

P501 Dispose of contents, container in accordance with local regulation.

EUH-Statement:

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Apple Grape Raspberry 0mg/ml**2.3 Other Hazards**

The mixture does not meet the criteria for classification as a PBT or vPvB.

SECTION 3: Composition/Information on Ingredients**3.1 Substances**

This Product is a mixture.

3.2 Mixtures

Composition/information on ingredients

Identity Information				
Common Name :	CAS NO.	OSHA PEL	mg/ml	% Composition
tert-Butanol	75-65-0	Not available	8	0.8
Ethyl Acetate	141-78-6	Not available	13	1.3
ISOAMYL ALCOHOL	30899-19-5	Not available	5	0.5
1-Hexanol	111-27-3	Not available	4	0.4
trans-2-Hexen-1-ol	928-95-0	Not available	3	0.3
Methyl anthranilate	134-20-3	Not available	8	0.8
Methyl 2-(methylamino)benzoate	85-91-6	Not available	5	0.5
ETHYL ANTHRANILATE	87-25-2	Not available	4	0.4
N,2,3-Trimethyl-2-isopropylbutamide	51115-67-4	Not available	30	3
Nicotine	54-11-5	Not available	0	0
Propylene Glycol	57-55-6	Not available	420	42
Vegetable Glycerin	56-81-5	Not available	500	50
				100.00%

Note: For full text of abbreviations:Sec SECTION 16.

Substances that are on the so-called "Candidate list of Substances of Very High Concern(SVHC) for authorization" of the European.Chemicals Agency (ECHA) are not deliberate components of this product. It is therefore not to be expected that those substances will be present in the product in quantities of>0.1%.

SECTION 4: First Aid Measures**4.1 Description of first aid measures****General notes**

Remove contaminated clothing immediately. Get medical attention if health problems occur.

Following inhalation

Supply fresh air. If the product irritates the respiratory tract: Consult a doctor.

Following skin contact

Wash off with plenty of water and soap, rinse.

Following eye contact

Remove contact lenses. Rinse immediately with plenty of water with the eyelid held wide open for at least 15 minutes. Possibly. Consult an ophthalmologist.

Following ingestion

Immediately rinse the mouth vigorously. Drink a lot of water (200-300mL) in small sips(dilution effect). Avoid vomiting.No attempts at neutralization.

4.2 Most important symptoms and effects, both acute and delayed

Acute effects can occur after short-term exposure (especially if larger amounts are ingested or inhaled).

4.3 Indication of any immediate medical attention and special treatment needed

In the event of loss of consciousness: call a doctor.

Apple Grape Raspberry 0mg/ml

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, polymer foam; Dry powder. Water spray can be used to cool surfaces exposed to fire or can be applied directly to the fire, provided the risk of fire spreading is extremely low.

Unsuitable Extinguishing Media

Do not use a full jet of water to disperse and spread the fire.

5.2 Special hazards arising from the substance or mixture

In the event of fire, dangerous vapours / gases can arise: carbon monoxide, carbon dioxide.

5.3 Advice for firefighters

Staying in the area of danger only with respiratory protection device independent of circulating air. Cool endangered containers with water spray from a safe distance. Knock out escaping vapours with water. Pay attention to flashback. Prevent fire-fighting water from entering surface and ground water and soil. Avoid skin contact by wearing suitable protective clothing and by keeping a safe distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Information for personnel not trained for emergencies: Avoid product contact and inhalation of the solvent vapours. Avoid skin contact by maintaining a safe distance or wearing suitable protective clothing.

Instructions for emergency services: Use protective equipment according to section 8.

6.2 Environmental precautions

Prevent product and large quantities of contaminated washing water from entering water and soil. Cover the sewage system to prevent product from entering the sewage system.

6.3 Methods and material for containment and cleaning up

For larger quantities: Pump off the product.

In the case of remnant: Limit leaked material with neutralizing and non-flammable absorbent and collect for disposal according to local regulations in the containers provided.

Take up small quantities(up to approx. 1 L) with plenty of water, dispose of water in the sewage system.

6.4 Reference to other sections

Observe protective measures under section 7,8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice for safe handling: Do not leave the containers open.

General hygiene measures: Do not eat, drink or smoke in areas where work is done. Wash hands after use. Remove contaminated clothing and protective equipment before entering areas where people eat.

7.2 Conditions for safe storage, including any incompatibilities

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 degrees Celsius.

7.3 Specific end use(s)

As far as possible, keep only in the original packaging. Other suitable containers: steel drums; Aluminium containers, glass containers and high-density polyethylene(HDPE). Some types of rubber and plastics(low density polyethylene) are attacked by the product.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

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Workplace Exposure Limits (Occupational Exposure Limit)

Country	Substance	CAS No.	Limit value-8hours(TWA)		Limit value-15min(STEL)	
			ppm	mg/m ³	ppm	mg/m ³
GB	Glycerol	56-81-5	-	10	-	-
GB	Propylene Glycol	57-55-6	150	474	-	-

TWA: Time-Weighted Average (Long-term exposure limit): measured or calculated in relation to a reference period of 8 hours-time weighted average.

STEL: Short-Term Exposure Limit: a limit value above exposure should not occur and which is related to a 15-min period unless otherwise specified.

8.2 Exposure controls

Engineering Measures

Suitable technical control devices

Technical measures and the use of suitable working methods have priority over the use of personal protective equipment. Ensure good ventilation. This can be achieved by local extraction or general exhaust air.

Personal protective equipment:

Personal protective equipment should be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances.

Eye/face protection

Use safety glasses with side shields in accordance with EN 166:2001. Make sure that the eye wash is easily accessible.

Skin protection

Hand Protection

Wear solvent and alkali resistant protective gloves according to EN 374.

Suitable material: Nitrile or butyl rubber

Thickness: 0.4mm

Breakthrough time: ~ 150 min

Other

Suitable protective clothing: Lab apron or other working clothes.

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).

Environmental Exposure Controls

See sections 6 and 7.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: Liquid form
Odour	: Characteristic odour
Odour threshold	: No data available currently.
PH	: No data available currently.
Melting point/freezing point	: No data available currently.
Boiling Poin	: No data available currently.
Flash Point(°C)	: > 65°C
Evaporation Rate	: Negligible
Flammability limits % lower	: No data available currently.

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Flammability limits % upper	: No data available currently.
Vapour Pressure	: No data available currently.
Vapour Density	: No data available currently.
Solubility(Water)	: Soluble
Solubility(Benzene)	: Soluble
Solubility(Acetone)	: Soluble
Solubility(Ethanol)	: Soluble
Partition Coefficient n-Octanol/Water(Glycerol)	: -1.75 at 25 °C
Partition Coefficient n-Octanol/Water(Propylene Glycol)	: -1.07 at 20 °C
Partition Coefficient n-Octanol/Water(Nicotine)	: 1.17 at 18 °C
Auto Flammability(°C)	: No data available currently.
Viscosity	: Viscous
Explosive properties	: No data available currently.

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

The product is chemically stable under normal ambient conditions(room temperature).

10.3 Possibility of hazardous reactions

When used as intended, no dangerous reactions are expected.

10.4 Conditions to avoid

Heat; hot surfaces; sources of ignition; flames; static discharge; Moist air; humidity; moisture.

10.5 Incompatible materials

Strong acids; Strong alkalis; Strong oxidising agents.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide/carbon monoxide or acrolein. In a fire may liberate acid and irritant fumes.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity: Mixture

Harmful if swallowed.

Acute Toxicity: Components of Mixture

Name of Substance	CAS No	Acute Toxicity Data		
		Oral (LD50)	Dermal (LD50)	Inhalation(LC50)
Glycerol	56-81-5	Rat: 27,200mg/kg	Guinea Pig: 56,750mg/kg	-
Propylene Glycol	57-55-6	Rat: 22,000mg/kg bw	Rabbit: 20,800mg/kg bw	-

Skin Corrosion/Irritation

Based on the available data, the classification criteria are not met.

Serious Eye Damage/Eye Irritation

Based on the available data, the classification criteria are not met.

Respiratory or Skin Sensitisation

Based on the available data, the classification criteria are not met.

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The mixture is not classified. The mixture does not contain any substances that are classified as mutagenic.

Carcinogenicity

The mixture is not classified. The mixture does not contain any substances that are classified as carcinogenic.

Reproductive Toxicity

The mixture is not classified. The mixture does not contain any substances that are classified as toxic to reproduction.

Specific Target Organ Toxicity - Single Exposure(STOT-SE)

Based on the available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure(STOT-RE)

Based on the available data, the classification criteria are not met.

Aspiration Hazard

Based on the available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1 Toxicity**

No data available.

Based on the available information, substance/mixture does not fulfil the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

Toxicity: Components of Mixture

Name of Substance	CAS No	Short-Term Toxicity		Long-Term Toxicity	
		Fish(LC50)	Aquatic Invertebrates (EC50/LC50)	Aquatic Invertebrates (EC10, LC10 or NOEC)	Algae & Cyanobacteria (EC50)
Glycerol	56-81-5	54000mg/L-96h	1955mg/L-48h	-	2900mg/L-28d
Propylene Glycol	57-55-6	40613mg/L-96h	18340mg/L-96h	13020mg/L-7d	19000mg/L-96h

12.2 Persistence and degradability

Degradability of components of the mixture:

Name of Substance	CAS No	Process	Degradation Rate	Time
Propylene Glycol	57-55-6	Oxygen consumption	106.80%	28 d
Propylene Glycol	57-55-6	CO2 Evolution	81.70%	28 d

12.3 Bio accumulative potential

Data is not available.

Bio accumulation Potential of components of the mixture:

Name of Substance	CAS No	BFC	Log KOW	BOD5/COD
Glycerol	56-81-5	-	-1.75 at 25°C and pH 7.4	-
Propylene Glycol	57-55-6	-	-1.07 at 20°C	-

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The substances of this mixture do not meet the PBT / vPvB criteria of REACH Annex XIII

12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

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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 currently.

Disposal of Packing

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(not regional or national regulations).

SECTION 14: Transport information**14.1 UN number**

ADR/RID:-

IMDG:-

IATA:-

14.2 UN proper shipping name

ADR/RID: Not a dangerous goods

IMDG: Not a dangerous goods

IATA: Not a dangerous goods

14.3 Transport hazard class(es)

ADR/RID:-

IMDG:-

IATA:-

14.4 Packing group

ADR/RID:-

IMDG:-

IATA:-

14.5 Environmental hazards

ADR/RID:-

IMDG Marine Pollutant

IATA:-

14.6 Special precautions for user

There is not additional information.

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**

Regulation(EU)2015/830

CLP Regulation 1272/2008/EK

REACH Regulation 1907/2006/EC

Council Directive 98/24 /EC of 7 April 1998 on the Protection of Health and Safety

Tobacco Products Directive 2014/14/EU/(TPD)

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance or the mixture by the supplier.

SECTION 16: Other information**Abbreviations and Acronyms**

Abbr. : Descriptions of used abbreviations

Acute Tox. : Acute Toxicity

BOD : Biological Oxygen Demand

CAS : Chemical Abstract Service

CLP : Regulation(EC) No1272/2008 on classification, labelling & packaging of substances

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

DMEL : Derived Minimal Effect Level

DNEL : Derived No-Effect Level

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DOC	: Dissolved Organic Carbon
GHS	: Globally Harmonised System of classification and labeling of chemicals
IATA	: International Air Transport Association
IMDG	: International Maritime Dangerous Goods
LogKOW	: n-Octanol/water
PNEC	: Predicted No-effect Concentration
RID	: International Carriage of Dangerous Goods by Rail
STEL	: Short-Term Exposure Limit
TOC	: Total Organic Carbon
TWA	: Time Weighted Average
WEL	: Workplace Exposure Limit

List of Hazard Codes and Hazard Statements

H300: Fatal if swallowed
 H301: Toxic if swallowed
 H302: Harmful if swallowed
 H304: May be fatal if swallowed and enters airways
 H310: Fatal in contact with skin
 H311: Toxic in contact with skin
 H312: Harmful in contact with skin
 H314: Causes severe skin burns and eye damage
 H315: Causes skin irritation
 H317: May cause an allergic skin reaction
 H318: Causes serious eye damage
 H319: Causes serious eye irritation
 H330: Fatal if inhaled
 H331: Toxic if inhaled
 H332: Harmful if inhaled
 H335: May cause respiratory irritation
 H336: May cause drowsiness or dizziness
 H371: May cause damage to organs
 H373: Causes damage to organs through prolonged or repeated exposure
 H225: Highly Flammable liquid and vapor
 H226: Flammable liquid and vapor
 H410: Very toxic to aquatic life with long lasting effects
 H411: Toxic to aquatic life with long lasting effects
 H412: Harmful to aquatic life with long lasting effects

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