



**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:** Strawberry Pomegranate 0mg/ml

**Model:** DA2022042102

**Prepared By:** IVAPOURS (DONGGUAN) TECHNOLOGY CO., LIMITED  
Room 301, Building 4, No.1, Shuanglong Road, Chang'an  
Town, Dongguan City, Guangdong Province, China.

**No.:** IV20221206L08

Checked by

Approved by  
(Technical Manager)



**Safety Data Sheet**

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

**Strawberry Pomegranate 0mg/ml****SECTION1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade Name	Strawberry Pomegranate 0mg/ml
Product Model	DA2022042102
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.	<a href="mailto:jeffrey@ivapours.com">jeffrey@ivapours.com</a>
Website	<a href="http://www.ivapours.com">www.ivapours.com</a>

**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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**Strawberry Pomegranate 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
Ethyl 3-methyl-3-phenylglycidate	77-83-8	Not available	9	0.9
Ethyl Acetate	141-78-6	Not available	15	1.5
2-Methyl butyric acid	116-53-0	Not available	7	0.7
cis-3-Hexenyl Acetate	3681-71-8	Not available	6	0.6
Ethyl butyrate	105-54-4	Not available	5	0.5
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	428	42.8
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.

**SECTION 5: Firefighting measures****5.1 Extinguishing Media****Suitable Extinguishing Media**

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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

Workplace Exposure Limits (Occupational Exposure Limit)

Country	Substance	CAS No.	Limit value-8hours(TWA)		Limit value-15min(STEL)	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

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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.
Flammability limits % upper	: No data available currently.
Vapour Pressure	: No data available currently.
Vapour Density	: No data available currently.

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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 acrid 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.

**Germ Cell Mutagenicity**

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

**Carcinogenicity**

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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**

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**

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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 &amp; packaging of substances

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

DMEL : Derived Minimal Effect Level

DNEL : Derived No-Effect Level

DOC : Dissolved Organic Carbon

GHS : Globally Harmonised System of classification and labeling of chemicals

IATA : International Air Transport Association



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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

**Legal Disclaimer**

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