

**SAFETY DATA SHEET**  
*According to 1907/2006/EC, Article 31, Latest Amendment*

Version number: 1.0  
 Revision: 31.03.2023  
 Printing date: 31.03.2023

**\* SECTION 01: Identification of the substance/mixture and of the company/undertaking**

1. Product identifier
  - Trade name: DIFFUSER FRESH POMEGRANATE
  - Registration number: 00119
  - UFI number: W7A0-50NO-R00R-DRXN
  - Other means of identification: No available data.
  - Application of the substance / the preparation  
Aromatic ingredient(s). Industrial use only.

- \* • Uses advised against
- \* not applicable

3. Details of the supplier of the safety data sheet

- Manufacturer/Supplier:  
ROBERTET FLAVORS & FRAGRANCES (BEIJING) CO., LTD.  
Address: NO. 4, Leyuan Nanyi Street, Yanqi Industrial Development  
Zone, Huairou District, Beijing, P.R. China  
Post code: 101407  
TEL: 0086-10-61669240 (during normal opening times 8:30-17:30)  
FAX: 0086-10-61667078  
E-mail: legis@robertet.cn

- \* 4. Emergency telephone number:

ORFILA (INRS): + 33 (0)1 45 42 59 59 Poison Control and Toxicovigilance Centers ANGERS: 02 41 48 21 21  
 BORDEAUX: 05 56 96 40 80 LILLE: 0800 59 59 59 LYON: 04 72 11 69 11 MARSEILLE: 04 91 75 25 25 NANCY: 03  
 83 22 50 50 PARIS: 01 40 05 48 48 STRASBOURG: 03 88 37 37 37, TOULOUSE: 05 61 77 74 47

**SECTION 02: Hazards identification**

1. Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS02

Flam. Liq. 3 - H226 Flammable liquid and vapour.



GHS07

Eye Irrit. 2 - H319 Causes serious eye irritation.

- Additional information:

Full text of H statements: see section 16

2. Label elements

- Labelling according to Regulation (EC) No 1272/2008

- Hazard pictograms



GHS02



GHS07

- Signal word  
Warning

- Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

EUH208 Contains dl-Citronellol, Geraniol, Nerol, Linalyl acetate, 2- Hexyl-(E)-cinnamaldehyde, trans-Isoeugenol, Linalool. May produce an allergic reaction.

- Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P233 Keep container tightly closed.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

3. Other hazards
- Results of PBT and vPvB assessment
  - PBT:  
Not applicable.
  - vPvB:  
Not applicable.

**SECTION 03: Composition/information on ingredients**

• Chemical characterization		
• Dangerous components:		
*	CAS Number	%
34590-94-8	<b>Dipropylene glycol monomethyl ether</b> EC number: 252-104-2	30,00- 40,00
*	substance with a Community workplace exposure limit.	
*	64-17-5	<b>ethanol</b>
*	EC number: 200-578-6	30,00- 40,00
*	Flam. Liq. 2 - H225; Eye Irrit.	
*	2 - H319	
*	165184-98-5	<b>2-Hexyl-(E)-cinnamaldehyde</b>
*	EC number: 639-566-4	0,10- 1,00
*	Skin Sens. 1B - H317; Aquatic	
*	Acute 1 - H400, Aquatic Chronic 2 - H411	
*	106-22-9	<b>dl-Citronellol</b>
*	EC number: 203-375-0	0,10- 1,00
*	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*	H319, Skin Sens. 1B - H317	
*	78-70-6	<b>Linalool</b>
*	EC number: 201-134-4	0,10- 1,00
*	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*	H319, Skin Sens. 1B - H317	
*	106-24-1	<b>Geraniol</b>
*	EC number: 203-377-1	0,10- 1,00
*	Eye Dam. 1 - H318; Skin Irrit. 2	
*	- H315, Skin Sens. 1 - H317	
*	115-95-7	<b>Linalyl acetate</b>
*	EC number: 204-116-4	0,10- 1,00
*	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*	H319, Skin Sens. 1B - H317	
*	106-25-2	<b>Nerol</b>
*	EC number: 203-378-7	0,10- 1,00
*	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
*	H319, Skin Sens. 1B - H317	
*	5932-68-3	<b>trans-Isoeugenol</b>
*	EC number: 227-678-2	0,001- 0,10
*	Acute Tox. 4 - H302, Acute Tox. 4 -	

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*	H312, Acute Tox. 4 - H332, Skin Irrit. 2 -
*	H315, Eye Irrit. 2 - H319, Skin Sens. 1A -
*	H317, STOT SE 3 - H335;
*	Skin Sens. 1A; H317: C >= 0,01 %

#### **SECTION 04: First aid measures**

1. Description of first aid measures
  - General information:  
Seek immediate medical advice.
  - After inhalation:  
Supply fresh air; consult doctor in case of complaints.
  - After skin contact:  
Immediately wash with water and soap and rinse thoroughly.
  - After eye contact:  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing:  
If symptoms persist consult doctor.
2. Most important symptoms and effects, both acute and delayed  
No further relevant information available.
3. Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

#### **SECTION 05: Firefighting measures**

1. Extinguishing media
  - Suitable extinguishing agents:  
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents:  
Non applicable
2. Special hazards arising from the substance or mixture  
No further relevant information available.
3. Advice for firefighters  
No specific advice

#### **SECTION 06: Accidental release measures**

- \*
- \*
- \*
- \*
- \*
- 1. Personal precautions, protective equipment and emergency procedures
  - For non-emergency personnel  
Wear protective equipment. Keep unprotected persons away.
  - For emergency responders  
Wear protective equipment. Keep unprotected persons away.
- 2. Environmental precautions:  
Do not allow to enter sewers/ surface or ground water.
- 3. Methods and material for containment and cleaning up:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- 4. Reference to other sections  
See Section 13 for disposal information.

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## SECTION 07: Handling and storage

## 1. Precautions for safe handling

Avoid contact with skin and eyes Wear appropriate protective equipments (gloves, glasses ...)

- Information about fire - and explosion protection:  
Keep ignition sources away - Do not smoke.

## 2. Conditions for safe storage, including any incompatibilities

- Requirements to be met by storerooms and receptacles:

Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)

- Information about storage in one common storage facility:  
Not required.

- Further information about storage conditions:  
Keep container tightly sealed.

Protect from heat and direct sunlight.

## 3. Specific end use(s)

No further relevant information available.

## \* SECTION 08: Exposure controls/personal protection

## 1. Control parameters

- Ingredients with limit values that require monitoring at the workplace:

34590-94-8	Dipropylene glycol monomethyl ether	30,00- 40,00 %
VLEP		

Long-term value	308	mg/m3
	50	ppm

risque de pénétration percutanée

VME

Long-term value	308,000	mg/m3
64-17-5	ethanol	30,00- 40,00 %
VLEP		

Short-term value	9500	mg/m3
	5000	ppm

Long-term value	1900	mg/m3
	1000	ppm

- Ingredients with biological limit values:

No further relevant information available.

## 2. Exposure controls

- Appropriate engineering controls

\* No further data; see item 7.

- Individual protection measures, such as personal protective equipment

- General protective and hygienic measures:

Avoid contact with the eyes and skin.

- Eye/face protection

Safety glasses

- Skin protection

- Protection of hands:

Only use chemical-protective gloves with CE-labelling of category III.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- Material of gloves

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Respiratory protection:

Not required.

- Thermal hazards

\* No further relevant information available.

- Environmental exposure controls

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\* No further relevant information available.

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\* **SECTION 09: Physical and chemical properties**

**Information on basic physical and chemical properties**

**General Information**

<b>Physical state</b>	Fluid
<b>Form:</b>	Fluid
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Characteristic
<b>Melting point/freezing point:</b>	Undetermined.
<b>Boiling point or initial boiling point and boiling range</b>	> 35 °C
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	29 °C
<b>Auto-ignition temperature:</b>	Not determined.
<b>Ignition temperature:</b>	Undetermined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>water:</b>	Not determined.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined.
<b>Relative density</b>	0,9310 - 0,9510 (20°C)
<b>Vapour density</b>	Not determined.
<b>Particle characteristics</b>	Not determined.
<b>Other information</b>	No further relevant information available.
<b>Surface tension:</b>	Not determined.
<b>Explosive properties:</b>	Not determined.
<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	not applicable
<b>Flammable gases</b>	not applicable
<b>Aerosols</b>	not applicable
<b>Oxidising gases</b>	not applicable
<b>Gases under pressure</b>	not applicable
<b>Flammable liquids</b>	Flammable liquid and vapour.
<b>Flammable solids</b>	not applicable
<b>Self-reactive substances and mixtures</b>	not applicable
<b>Pyrophoric liquids</b>	not applicable
<b>Pyrophoric solids</b>	not applicable
<b>Self-heating substances and mixtures</b>	not applicable
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	not applicable

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* <b>Oxidising liquids</b>	not applicable
* <b>Oxidising solids</b>	not applicable
* <b>Organic peroxides</b>	not applicable
* <b>Corrosive to metals</b>	not applicable
* <b>Desensitised explosives</b>	not applicable
* <b>Other safety characteristics</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

## SECTION 10: Stability and reactivity

1. Reactivity  
No further relevant information available.
2. Chemical stability  
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions  
Reacts with strong oxidising agents.
4. Conditions to avoid  
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:  
No further relevant information available.
6. Hazardous decomposition products:  
No dangerous decomposition products known.

## SECTION 11: Toxicological information

- \* 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008
  - Acute toxicity  
Based on available data, the classification criteria are not met.
  - Skin corrosion / irritation  
Based on available data, the classification criteria are not met.
  - Serious eye damage / irritation  
Causes serious eye irritation.
  - Respiratory / skin sensitization  
Based on available data, the classification criteria are not met.
  - Germ cell mutagenicity  
Based on available data, the classification criteria are not met.
  - Carcinogenicity  
Based on available data, the classification criteria are not met.
  - Reproductive toxicity  
Based on available data, the classification criteria are not met.
  - STOT single exposure  
Based on available data, the classification criteria are not met.
  - STOT repeated exposure  
Based on available data, the classification criteria are not met.
  - Aspiration hazard  
Based on available data, the classification criteria are not met.
- \* 2. Information on other hazards

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- \* • Other information
- \* No further relevant information available.

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**SECTION 12: Ecological information**

1. Toxicity
  - Aquatic toxicity:  
Based on available data, the classification criteria are not met.
2. Persistence and degradability  
Based on available data, the classification criteria are not met.
3. Bioaccumulative potential  
Not available
4. Mobility in soil  
Not available
5. Results of PBT and vPvB assessment
  - PBT:  
Not applicable.
  - vPvB:  
Not applicable.

- \* 6. Endocrine disrupting properties  
The product does not contain substances with endocrine disrupting properties.
- 7. Other adverse effects  
No further relevant information available.

**SECTION 13: Disposal considerations**

1. Waste treatment methods
  - Recommendation  
Must be specially treated adhering to official regulations.
  - Uncleaned packaging:  
• Recommendation:  
Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- \* 1. UN number or ID number
 

.ADR	UN1266
.IMDG	UN1266
.IATA	UN1266
- 2. UN proper shipping name
 

.ADR	1266 PERFUMERY PRODUCTS
.IMDG	PERFUMERY PRODUCTS
.IATA	PERFUMERY PRODUCTS
- 3. Transport hazard class(es)
 

.ADR	
.Class	3 (F1) Flammable liquids.

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**. Label**



**. IMDG**

**. Class**

3 Flammable liquids.

**. Label**



**. IATA**

**. Class**

3 Flammable liquids.

**. Label**



**4. Packing group**

**. ADR** III

**. IMDG** III

**. IATA** III

**5. Environmental hazards:**

Not applicable.

**6. Special precautions for user**

Warning: Flammable liquids.

**. Danger code (Kemler):** 30

**. EMS Number:** F-E,S-D

**\* 7. Maritime transport in bulk according to IMO instruments**

Not applicable.

**\* 8. Transport/Additional information:**

**. ADR**

**. Excepted quantities (EQ):** E1

**. Limited quantities (LQ)** 5L

**. Transport category** 3

**. Tunnel restriction code** D/E

**. IMDG**

**. Limited quantities (LQ)** 5L

**. Excepted quantities (EQ)** E1

**\* 9. UN "Model Regulation":**

UN 1266 PERFUMERY PRODUCTS, 3, III

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## SECTION 15: Regulatory information

- \* 1. Safety, health and environmental regulations/legislation specific for the substance or mixture
  - REGULATION (EC) No 1907/2006 ANNEX XVII
    - Conditions of restriction: 3, 40
  - DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
    - None of the ingredients is listed.
  - REGULATION (EU) 2019/1148
  - Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
    - None of the ingredients is listed.
- \* 2. Annex II - REPORTABLE EXPLOSIVES PRECURSORS
  - 67-64-1 acetone
- \* 3. National regulations:
  - Technical instructions (air):
  - Class Share in %
    - I
  - Waterhazard class:
    - Water hazard class 2 (Self-assessment): hazardous for water.
- 2. Chemical safety assessment:
  - A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

## 1. Relevant phrases

- |      |  |
|------|--|
| H225 | Highly flammable liquid and vapour.              |
| H302 | Harmful if swallowed.                            |
| H312 | Harmful in contact with skin.                    |
| H315 | Causes skin irritation.                          |
| H317 | May cause an allergic skin reaction.             |
| H318 | Causes serious eye damage.                       |
| H319 | Causes serious eye irritation.                   |
| H332 | Harmful if inhaled.                              |
| H335 | May cause respiratory irritation.                |
| H400 | Very toxic to aquatic life.                      |
| H411 | Toxic to aquatic life with long lasting effects. |

## 2. Department issuing MSDS:

Legislation / Regulatory Affairs Department

## 3. Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organisation  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative

## 4. Sources

- RIFM Database  
 Suppliers Information  
 REACH registration dossier

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\* Data compared to the previous version altered.