

## Hashishene Terpene

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

#### 1.1. Product identifier

Product Name: Hashishene terpene

CAS Number: Mixture

IUPAC Name: Mixture

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

Identified Uses: Manufacture of substances, aromatherapy, perfuming

#### 1.3. Details of the supplier of the safety data sheet

Company: HEMPTURE

Place of business: 6a Upper Abbey Street Dublin , Ireland

Telephone: +35315545775

Competent person: hello@hempture.ie

#### 1.4. Emergency telephone number : +(353)-19014670 (CHEMTREC)

### 2. HAZARDS IDENTIFICATION

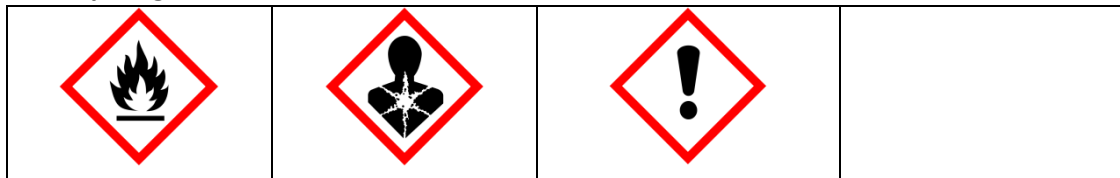
#### 2.1. Classification of the substance or mixture

Classification according to EC directive 1272/2008 [EU-GHS/CLP]

Hazard class and Hazard category	Code	Hazard statement
Flammable liquids (Category 3)	H226	Flammable liquid and vapour
Aspiration hazard (Category 1)	H304	May be fatal if swallowed and enters airways
Skin irritation (Category 2)	H315	Causes skin irritation
Eye irritation (Category 2)	H319	Causes serious eye irritation

#### 2.2. Label elements

##### Hazard pictograms



Signal word: Warning

##### Hazard statement(s):

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H319 Causes serious eye irritation

**Precautionary statement(s):**

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

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, protective clothing and eye/face protection.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting.

P501 Dispose of contents/ container to an approved waste disposal plant.

**2.3. Other hazards**

None.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Hazardous ingredients according to EC directive 1272/2008 [EU-GHS/CLP]**

Ingredient	CAS number	EINECS	Classification	%
<b>β-Myrcene</b>	123-35-3	204-622-5	Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2; Asp. Tox. 1; H226, H315, H319, H304	70%
<b>Hashishene</b>	16626-39-4			30%

Other components are non-hazardous according to EC directive 1272/2008 [EU-GHS/CLP] or their concentration in a mixture is too low to pose a risk.

**4. FIRST AID MEASURES**

**4.1. Description of first aid measures**

**General advice**

Consult a doctor and show this safety data sheet.

**If inhaled**

Remove to fresh air and monitor breathing. If breathing stops, give artificial respiration.

Consult a doctor.

**In case of skin contact**

Immediately wash skin with copious amounts of soap and water for at least 15 minutes.

Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.

**In case of eye contact**

Flush with copious amounts of water for at least 15 minutes. Consult a doctor.

**If swallowed**

Rinse mouth with water, give several glasses of water to drink to dilute. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

**4.3. Indication of immediate medical attention and special treatment needed**

No data available.

**5. FIRE-FIGHTING MEASURES****5.1. Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, dry chemical, water spray

**Unsuitable extinguishing media**

No information available.

**5.2. Special hazards arising from the substance or mixture**

Thermal decomposition can lead to release of carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

**5.3. Precautions for fire-fighters**

Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Do not take action without suitable protective clothing – see section 8 of MSDS. Evacuate personnel to safe areas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Ensure adequate ventilation. Vapors can accumulate in low areas.

**6.2. Environmental precautions**

Do not let product enter drains, surface and ground water.

**6.3. Methods and materials for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Place material in an appropriate container. After removal, ventilate and decontaminate surfaces and equipment. Hold all material for appropriate disposal as described under section 13 of MSDS.

**6.4. Reference to other sections**

For required PPE see section 8. For disposal see section 13.

**7. HANDLING AND STORAGE****7.1. Precautions for safe handling**

Avoid contact with eyes, skin and clothing. Use in a well-ventilated area. Keep away from sources of ignition. Take measures to prevent the buildup of electrostatic discharge.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: 2 - 10 °C (35 - 50 °F).

**7.3. Specific end use(s)**

Data not available.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Components with workplace control parameters

Data not available.

## 8.2. Exposure controls

### Appropriate engineering measures

Ensure adequate ventilation. In case of inadequate ventilation the suitable protection of respiratory pathways must be used. Wash your hands thoroughly with water and soap after work.

### Individual protection measures, such as personal protective equipment

Eye/face protection:	Use appropriate safety glasses.
Skin protection:	Use appropriate chemical resistant gloves (e.g. nitrile rubber). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.
Body protection:	Wear appropriate protective clothing.
Respiratory protection:	Follow the risk assessment. Keep appropriate respirator as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance:	Transparent yellowish liquid
Odor:	Specific
Odor threshold:	No data available*
pH:	No data available*
Melting point/freezing point:	< -10 °C (< 14 °F) [lit.]
Boiling range:	160-180 °C (320-356 °F) [lit.]
Flash point:	44 °C (111 °F) – closed cup [lit.]
Evaporation rate:	No data available*
Flammability	No data available*
Upper/lower flammability or explosive limits:	No data available*
Vapor pressure:	No data available*
Vapor density:	No data available*
Density at 20 °C (68 °F):	791 kg/m <sup>3</sup>
Solubility(ies):	No data available*
Partition coefficient:	No data available*
Auto-ignition temperature:	255 °C (491 °F)
Decomposition temperature:	No data available*
Viscosity:	No data available*
Explosive properties:	No data available*
Oxidizing properties:	No data available*

\*) The chemical and physical properties have not been fully investigated.

### 9.2. Other safety information

No data available.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

**10.2. Chemical stability**

Stable under recommended transport or storage conditions.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Heat, flames and sparks.

**10.5. Incompatible materials**

Strong oxidants.

**10.6. Hazardous decomposition products**

Thermal decomposition can lead to release of carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects****Acute toxicity**

Name of the component	CAS number	Delivery	Animal	Parameter	Value
<b>β-Myrcene</b>	123-35-3	Oral	Rat	LD50	11.390 mg/kg
		Dermal	Rabbit	LD50	5.000 mg/kg

**Skin corrosion/irritation**

β-Myrcene: Skin Rabbit – Skin irritation (24h)

**Serious eye damage/irritation**

β-Myrcene: Eyes Rabbit – Irritating to eyes

**Respiratory or skin sensitization**

β-Myrcene: Mouse (in vivo assay) – Does not cause skin sensitization

**Germ cell mutagenicity**

Classification criteria are not met based on available data

**Carcinogenicity**

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

Classification criteria are not met based on available data

**Specific target organ toxicity – single exposure**

Classification criteria are not met based on available data

**Specific target organ toxicity – repeated exposure**

Classification criteria are not met based on available data

**Aspiration hazard**

Classification criteria are not met based on available data

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Classification criteria are not met based on available data

**Additional Information**

Name of the component	CAS number	RTECS number
<b><math>\beta</math>-Myrcene</b>	123-35-3	RG5365000

The chemical, physical and toxicological properties have not been fully investigated.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

$\beta$ -Myrcene: EC50 – Daphnia magna (Water flea) – 1.47 mg/L – 48h  
ErC50 – Pseudokirchneriella subcapitata – 0.32 mg/L – 72h

### 12.2. Persistence and degradability

$\beta$ -Myrcene: Aerobic exposure 28 d – 76% readily biodegradable

### 12.3. Bio accumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

The material is not classified as PBT or vPvB.

### 12.6. Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with national legislation.

## 14. TRANSPORT INFORMATION

### 14.1. UN-Number

ADR/RID: 2319

IMDG: 2319

IATA: 2319

### 14.2. UN proper shipping name

ADR/RID: TERPENE HYDROCARBONS, N.O.S.

IMDG: TERPENE HYDROCARBONS, N.O.S.

IATA: TERPENE HYDROCARBONS, N.O.S.

#### Transport hazard class(es)

ADR/RID: 3

IMDG: 3

IATA: 3

### 14.3. Packing group

ADR/RID: III

IMDG: III

IATA: III

**14.4. Environmental hazards**

ADR/RID: Yes IMDG - Sea pollutant: Yes IATA: no

**14.5. Special precautions for users**

Not applicable.

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

Not applicable.

**14.7. Applicable HS class**

29021900

**15. REGULATORY INFORMATION**

This material safety data sheet complies with the regulation 1907/2006/EC (REACH) as amended by regulation 453/2010/EU.

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

No data available.

**15.2. Chemical safety assessment**

A chemical safety assessment has not been made for this product.

**16. OTHER INFORMATION****16.1. Revision date**

2023-10-21

**16.2. Revision note**

No data available.

**16.3. Additional information about this product**

No data available.

**16.4. Copyright**

Hempture

**16.5. Disclaimer**

The above information is believed to be accurate but does not purport to be all inclusive and should be used as a guide only for experienced personnel. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The product must not be – unless specifically approved by the manufacturer/importer – used for purpose other than stated in this document. Always consult your safety advisor and follow appropriate local and national safety legislature. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.

**16.6. Key to the abbreviations and the acronyms used in the safety data sheet**

ADR European agreement concerning the international carriage of dangerous goods by road

CAS Unique numeric identifier used in chemistry for chemical substances

CLP Classification, Labelling and Packaging

EC European Community

EC50 half maximal Effective Concentration

EU European Union

GHS Globally Harmonized System of classification and labelling of chemicals

HS	Harmonized System of tariff nomenclature
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Building Code
IMDG	International Maritime Dangerous Goods Transport
LC50	Lethal Concentration
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
MARPOL	MARine POLLution
MSDS	Material Safety Data Sheet
PBT	Persistent, Bio accumulative and Toxic
PPE	Personal Protective Equipment
REACH	Registration, Evaluation, Authorization and restriction of Chemicals (EP and Council Regulations 1907/2006/EC)
RID	Regulations concerning the international railway transport of dangerous goods
RTECS	Registry of Toxic Effects of Chemical Substances
TIC	Toxicological Information Center
TDL	Toxic Dose Low
UN	Four-digit code reflecting the characteristics of substances or mixtures in transport
vPvB	Very Persistent and Very Bio accumulative

**16.7. Training guidelines**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

**END OF SAFETY DATA SHEET**

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