

**SECTION 1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product code : Hygienfresh Deodiffusori Blue Jasmine  
Trades code : A80-096  
Product line: Hygienfresh

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

Fragrance Diffuser sticks-exciting environment of long duration

Sectors of use:

Private households (= general public = consumers)[SU21], Public domain (administration, education, entertainment, services, craftsmen)[SU22]

Uses advised against

Do not use for purposes other than those listed

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

Tintolav s.r.l. - Via M. D'Antona 7 - 10028 Trofarello (TO) Tel. 011/649.68.27 Fax 011/649.67.42

Email: [info@tintolav.com](mailto:info@tintolav.com) - Sito internet: [www.tintolav.com](http://www.tintolav.com)

Email tecnico competente: [a.conedera@tintolav.com](mailto:a.conedera@tintolav.com)

National contact: Malta: Emergency Ambulance 112  
Accident & Emergency Department 2545 4030

**1.4. Emergency telephone number**

The UK National Poisons Emergency number +44 (0)870 600 6266  
London: Emergency 24 hour telephone +44 (0) 207188 0100

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

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
GHS02

Hazard Class and Category Code(s):  
Flam. Liq. 2

Hazard statement Code(s):  
H225 - Highly flammable liquid and vapour.

The product easy inflames if subordinate to an ignition source.

**2.2. Label elements**

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

Pictogram, Signal Word Code(s):  
GHS02 - Danger

Hazard statement Code(s):



H225 - Highly flammable liquid and vapour.

Supplemental Hazard statement Code(s):

EUH208 - Contains Coumarin. May produce an allergic reaction.

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

Prevention

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

Response

P370+P378 - In case of fire: Use CO2 or chemical powder to extinguish.

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

Disposal

P501 - Dispose of contents / container in accordance with local and national regulations.

Contains:

ethanol, benzyl alcohol, Coumarin

Packaging to be fitted with a tactile warning

Content of VOC ready to use condition: 70,00 %

### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

| Substance                   | Concentration | Classification  | Index        | CAS      | EINECS    | REACH                         |
|-----------------------------|---------------|---|--------------|----------|-----------|-------------------------------|
| ethanol                     | > 50 <= 75%   | Flam. Liq. 2, H225  | 603-002-00-5 | 64-17-5  | 200-578-6 |                               |
| 2-phenylethanol - FEMA 2858 | > 1 <= 5%     | Eye Irrit. 2, H319  |              | 60-12-8  | 200-456-2 |                               |
| benzyl alcohol              | > 1 <= 5%     | Acute Tox. 4, H302;<br>Acute Tox. 4, H332                     | 603-057-00-5 | 100-51-6 | 202-859-9 |                               |
| benzyl acetate - FEMA 2135  | > 0,1 <= 1%   | Aquatic Chronic 3,<br>H412                                    |              | 140-11-4 | 205-399-7 |                               |
| Coumarin                    | > 0,1 < 1%    | Acute Tox. 4, H302;<br>Skin Sens. 1, H317;<br>STOT RE 2, H373 |              | 91-64-5  | 202-086-7 | 01-2119943<br>756-26-000<br>0 |

### Fractionated global values

|      |         |      |        |      |        |      |        |
|------|---------|------|--------|------|--------|------|--------|
| H225 | = 70,00 | H332 | = 2,50 | H302 | = 3,00 | H412 | = 1,00 |
| H319 | = 3,00  | H317 | = 0,50 | H373 | = 0,50 |      |        |

## **SECTION 4. First aid measures**

### **4.1. Description of first aid measures**

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

If medical advice is needed, have product container or label at hand.

## **SECTION 5. Firefighting measures**

### **5.1. Extinguishing media**

Advised extinguishing agents:

In the case of fire use: CO2 or chemical powder. No use water, can enlarge the fire

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## **SECTION 6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

**6.1.2 For emergency responders:**

Wear gloves and protective clothing. appropriate: Latex or Nitrile

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

**6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

**6.3. Methods and material for containment and cleaning up****6.3.1 For containment:**

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

**6.3.2 For cleaning up:**

After wiping up, wash with water the area and materials involved

**6.3.3 Other information:**

None in particular.

**6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

**SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors

Do not smoke at work

At work do not eat or drink.

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

See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

Always store in well ventilated areas.

Never close the container tightly, leave a chance to vent

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

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

Private households (= general public = consumers):

Handle with care.

Store in ventilated place away from heat sources,

Keep the container tightly closed.

Public domain (administration, education, entertainment, services, craftsmen):

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

**SECTION 8. Exposure controls/personal protection**

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**8.1. Control parameters**

Related to contained substances:

ethanol:

Component CAS-No. Value Control parameters

Basis

Ethanol-17-64 TWA 5 ppm 1.000

1.920 mg/m<sup>3</sup>

UK. EH40 WEL-Workplace Exposure Limits

Remarks Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used

benzyl alcohol:

TLV-TWA: 5-10 ppm STEL: 5-10 ppm

Mak: IIb

- Substance: ethanol

DNEL

Systemic effects Long term Workers inhalation = 950 (mg/m<sup>3</sup>)

**8.2. Exposure controls**

Appropriate engineering controls:

Private households (= general public = consumers):

No specific checks planned

Public domain (administration, education, entertainment, services, craftsmen):

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection

Not needed for normal use.

(b) Skin protection

(i) Hand protection

Not needed for normal use.

(ii) Other

Wear normal work clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Related to contained substances:

benzyl alcohol:

Do not discard into the sewer system.

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**SECTION 9. Physical and chemical properties**

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

| Physical and chemical properties             | Value                | Determination method |
|--|----------------------|----------------------|
| Appearance                                   | Clear liquid         |                      |
| Odour  | characteristic       |                      |
| Odour threshold                              | not determined       |                      |
| pH   | irrelevant           |                      |
| Melting point/freezing point                 | not determined       |                      |
| Initial boiling point and boiling range      | not determined       |                      |
| Flash point                                  | 20 °C                | ASTM D92             |
| Evaporation rate                             | irrelevant           |                      |
| Flammability (solid, gas)                    | flammable            |                      |
| Upper/lower flammability or explosive limits | not determined       |                      |
| Vapour pressure                              | not determined       |                      |
| Vapour density                               | not determined       |                      |
| Relative density                             | not determined       |                      |
| Solubility                                   | not soluble in water |                      |
| Water solubility                             | not soluble in water |                      |
| Partition coefficient: n-octanol/water       | not determined       |                      |
| Auto-ignition temperature                    | not determined       |                      |
| Decomposition temperature                    | not determined       |                      |
| Viscosity                                    | not determined       |                      |
| Explosive properties                         | not explosive        |                      |
| Oxidising properties                         | non-oxidizing        |                      |

**9.2. Other information**

Content of VOC ready to use condition: 70,00 %

**SECTION 10. Stability and reactivity****10.1. Reactivity**

No reactivity hazards

**10.2. Chemical stability**

No hazardous reaction when handled and stored according to provisions.

**10.3. Possibility of hazardous reactions**

There are no hazardous reactions

**10.4. Conditions to avoid**

Avoid contact with combustible materials. The product could catch fire.

heat, open flames, sparks or hot surfaces.

### 10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, strong reducing agents.

It can ignite in contact with oxidants mineral acids, elementary metals, nitrides, organic peroxides, organic water peroxides, oxidating and reducing agents.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = 26.745,1 mg/kg

ATE(mix) dermal = ∞

ATE(mix) inhal = 440,0 mg/l/4 h

(a) acute toxicity: ethanol: LD50 Oral-rat-7.060 mg/kg

Remarks: Lungs, Thorax, or Respiration: Other changes.

LC50 Inhalation-rat-10:0-20000 ppm

(b) skin corrosion/irritation: ethanol: Skin-rabbit

Result: Irritating to skin. -12:0 am

benzyl acetate: Skin-rabbit-skin irritant-24 h

(c) serious eye damage/irritation: ethanol: Eyes-rabbit

Result: Mild eye irritation-12:0 am

(Draize Test)

(d) respiratory or skin sensitization: Coumarin: Test: Inhalation Sensitization Route: Inhalation Species: Rat = 293 mg/kg

Test: Inhalation Sensitization Route: Inhalation Species: Mouse = 196 mg/kg

(e) germ cell mutagenicity: benzyl acetate: Laboratory tests revealed mutagenic effects.

Genotoxicity in vitro lymphocyte-topo-

mutation in mammalian somatic cells

In vitro genotoxicity-Hamster-Lungs

Cytogenetic analysis

(f) carcinogenicity: benzyl acetate: Cancerogenicit-rat-Oral

Oncogenia: second neoplastic RTECS gastrointestinal tumors

Cancerogenicit-rat-Oral

Oncogenia: Liver cancer second neoplastic RTECS:

This product or contains a component that cannot be classified according to its effect

carcinogen IARC classification, ACGIH, NTP or EPA.

IARC: Group 3-3: Not classifiable as to its carcinogenicity to humans (Benzyl acetate)

(g) reproductive toxicity: ethanol: Reproductive toxicity-Human-female-Oral

Effects on Newborn: Apgar score (human only). Effects on Newborn: Other measures or neonatal effects.

Effects on Newborn: Drug dependence.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

ethanol:

ROUTES of EXPOSURE: the substance can be absorbed into the body by inhalation of its fumes and ingestion.

INHALATION RISK: A harmful contamination of the air will be reached quite slowly due to evaporation of the substance at 20 C.

Effects of short-term exposure: the substance is irritating to the eyes. Inhalation of high vapour can cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous system effects of REPEATED EXPOSURE or long term: the liquid degreasing the skin features. The substance may have an effect on the high central nervous system respiratory tract, causing irritation, headaches, fatigue and lack of concentration. See Notes.

ACUTE HAZARDS/Symptoms INHALATION Cough. Headaches. Fatigue. Drowsiness.  
CUTE CUTE.

EYE Redness. Pain. Burning.

SWALLOWED burning sensation. Headaches. Confusion. Vertigo. State of unconsciousness.

N O T and consumption of ethanol during pregnancy can have adverse effects on the unborn child. Chronic ethanol ingestion can cause cirrhosis of the liver.

LD50 (rat) Oral (mg/kg body weight) = 7060

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 20000

2-phenylethanol:

LD50 (rat) Oral (mg/kg body weight) = 1790

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 806

benzyl alcohol:

Routes of exposure: the substance can be absorbed into the body by inhalation of its vapour and by ingestion.

INHALATION RISK: can not be given any indication about the speed with which it reaches a harmful contamination in the air due to evaporation of the substance at 20 C.

Effects of short-term EXPOSURE: the aerosol is irritating to eyes and skin. The substance can determine effects on the nervous system EFFECTS of repeated exposure or repeated or prolonged Contact in the long term: may cause skin sensitization.

Acute hazards/symptoms INHALATION cough. Vertigo. Headache.

SKIN Redness.

EYE Redness.

SWALLOWED, abdominal pain. Diarrhea. Drowsiness. Nausea. Vomiting.

Oral LD50-rat-1,230 mg/kg

Observations: behavior: somnolence (General depressed activity) behavior: excitement

Behavior: coma

Oral LD50-rat-male-1,620 mg/kg

LD50 (rat) Oral (mg/kg body weight) = 1230

benzyl acetate:

Oral LD50-rat-2,490 mg/kg

Observations: behavior: somnolence (General depressed activity)

LD50 Dermal-rabbit-> 5,000 mg/kg

Acute toxicity of the vapor (LC50): 245 8 hours

LD50 (rat) Oral (mg/kg body weight) = 2490

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 5000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 245

Coumarin:

Acute oral LD50 for rats: 293mg/kg

Acute oral LD50 for mice: 196mg/kg

Irritant data: Not determined

Inhalation data: Not determined

Mutagenicity data: Not determined

LD50 (rat) Oral (mg/kg body weight) = 293

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 242



**12.1. Toxicity**

Related to contained substances:

ethanol:

C(E)L50 (mg/l) = 11200

benzyl alcohol:

Toxic to aquatic organisms.

Toxicity to fish Lc50-Lepomis macrochirus-10 mg/l-96 h

LC50-Pimephales promelas (Fathead)-460 mg/l-96 h

Toxicity to daphnia

and for other invertebrates

Aquatics

-EC50 Daphnia magna (water flea)-55 mg/l-12:00 am

-Daphnia magna (water flea)-230 mg/l-48 h

C(E)L50 (mg/l) = 10

benzyl acetate:

Toxicity to fish Lc50-Oryzias latipes-4 mg/l-96 h

C(E)L50 (mg/l) = 4

Coumarin:

Toxicity to fish LC50 - Poecilia reticulata (guppy) - 56 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia magna (Water flea) - 3.5 mg/l - 48 h

C(E)L50 (mg/l) = 13,5

Use according to good working practices to avoid pollution into the environment.

**12.2. Persistence and degradability**

Related to contained substances:

benzyl alcohol:

Biotic Biodegradability/aerobic-exposure time 28 d

Score: 92-96%-readily biodegradable.

aerobic biochemical oxygen demand-time exposure 7 d

Score: 92-96%-readily biodegradable.

(OECD TG 301 C)

Coumarin:

100% (by BOD), 100% (by TOC), 99.6% (by GC)

**12.3. Bioaccumulative potential**

Related to contained substances:

Coumarin:

6.7

**12.4. Mobility in soil**

Related to contained substances:

Coumarin:

log Pow: 1.39

Soil adsorption (Koc): No data available

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Henry's Law constant(PaM<sup>3</sup>/mol): 0.7

### 12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## SECTION 14. Transport information

### 14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1993

ADR exemption because compliance with the following characteristics:

Combination packagings: per inner packaging 1 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg



### 14.2. UN proper shipping name

ADR/RID/IMDG: FLAMMABLE LIQUID, N.O.S. (vapor pressure at 50 ° C is not more than 110 kPa) (ethanol, benzyl acetate, Coumarin)

ICAO-IATA: FLAMMABLE LIQUID, N.O.S. (vapor pressure at 50 ° C is not more than 110 kPa) (ethanol, benzyl acetate, Coumarin)

### 14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3

ADR/RID/IMDG/ICAO-IATA: Label : Onu

ADR: Tunnel restriction code : D/E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L

IMDG - EmS : F-E, S-E

### 14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

### 14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent : Not

**14.6. Special precautions for user**

No data available.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

It is not intended to carry bulk

**SECTION 15. Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso category:

P5a - FLAMMABLE LIQUIDS

REGULATION (EU) No 1357/2014 - waste:

HP3 - Flammable

**15.2. Chemical safety assessment**

The supplier has made an assessment of chemical safety

**SECTION 16. Other information****16.1. Other information**

Description of the hazard statements exposed to point 3

H225 = Highly flammable liquid and vapour.

H319 = Causes serious eye irritation.

H302 = Harmful if swallowed.

H332 = Harmful if inhaled.

H412 = Harmful to aquatic life with long lasting effects.

H317 = May cause an allergic skin reaction.

H373 = May cause damage to organs through prolonged or repeated exposure .

Classification based on data of all mixture components

Main normative references:

Directive 1999/45/EC

Directive 2001/60/EC

Regulation 1272/2008/EC

Regulation 2010/453/EC

\*\* The information contained herein is based on our knowledge at the date above.

Related solely to the product and do not constitute a guarantee of a particular quality.

It is the duty of the user to ensure that these are appropriate and complete information regarding the specific use intended.

This data sheet cancels and replaces any previous edition.