



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

## [x] 1 Identification of the substance/mixture and the company/business

### 1.1 Product identifier

GREENCATCHER M\_0065610

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

Perfume composition, flavour or aromatical ingredient, for an industrial usage, that can be used in end-user product.

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

Supplier : V. MANE Fils  
Address : 620, Route de GRASSE- 06620 LE-BAR-SUR-LOUP- FRANCE  
Telephone : (33).4.93.09.70.00 (Only during office hours)  
e-mail : FR-BSL.REG-SDS@MANE.com

### 1.4 Emergency telephone number

Emergency telephone number : NCEC (regional) +44 1865 407333 / (local) +33 1 72 11 00 03  
Official advisory body number : Orfila +33 1 45 42 59 59  
Other Emergency Numbers : NCEC (Middle East/Africa) +44 1235 239671  
NCEC (Americas) +1 215 207 0061  
NCEC (Asia) +65 3158 1074

## [x] 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFICATION ACCORDING Reg. 1272/2008/CE

#### Physical hazards

No hazard specified.

#### Health Dangers

Eye Irrit. 2: Causes serious eye irritation.

#### Environmental hazards

Aquatic Chronic 2: Toxic to aquatic life with long lasting effects.

### 2.2 Label elements



# SAFETY DATA SHEET

GREENCATCHER M\_0065610



GHS07

GHS09

## WARNING

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

P273: Avoid release to the environment.

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

P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.

P337+P313: If eye irritation persists: Get medical advice

P391: Collect spillage.

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

EUH208: Contains 2-(3,3-DIMETHYLCYCLOHEX-1-ENYL)-2,5,5-TRIMETHYL-1,3-DIOXANE, MIRALLYL. May produce an allergic reaction.

## 2.3 Other hazards

PBT-Substances, vPvB-Substances: None

Endocrine Disruptors: None

Other information: None

For a complete list of references and phrases mentioned in this chapter, see chapter 16.

## [x] 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances

CAS-No.: Not applicable

### 3.2 Mixtures

Hazardous Substances

Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
4-METHYLENE-2-(2,2,3-TRIMETHYL-CYCLOPENT-3-ENYLMETHYL)-TETRAHYDRO-PYRAN	947237-93-6	23.500%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor >



Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
				100 mg/l LD50 Oral > 5000 mg/kg
4-METHYL-2-(2,2,3-TRIMETHYL-CYCLOPENT-3-ENYLMETHYL)-3,6-DIHYDRO-2H-PYRAN	947237-75-4	16.500%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
4-METHYL-6-(2,2,3-TRIMETHYL-CYCLOPENT-3-ENYLMETHYL)-3,6-DIHYDRO-2H-PYRAN	947237-84-5	10.000%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
2,6-dimethyloct-7-en-2-ol	18479-58-8 01-2119457274-37-XXXX	6.000%	Skin irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3 (NE), H336	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 3020 mg/kg CL50 Inhalation - vapor > 100 mg/l
2-tert-BUTYLCYCLOHEXYL ACETATE	88-41-5 01-2119970713-33-XXXX	5.750%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral 4600 mg/kg
cis-3-HEXENOL	928-96-1	5.014%	Flam. Liq. 3, H226 Eye Irrit. 2, H319	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l
MENTHYL ACETATE	16409-45-3	4.000%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
NONYL ACETATE	143-13-5	3.800%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable



Component	CAS number REACH number Index number	Concentration limit	CLASSIFICATION ACCORDING Reg. 1272/2008/CE	Other hazard information
				ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
<b>3,5,7-TRIMETHYL-OCT-2-ENE NITRILE</b>	947237-95-8 01-0000018675-61-0001	3.000%	Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l LD50 Oral > 5000 mg/kg
<b>MENTHOL</b>	89-78-1	2.012%	Skin irrit. 2, H315 Eye Irrit. 2, H319	M factor: Not applicable SCL: Eye Irrit. 2-25%, Skin irrit. 2-25% ATE: LD50 Dermal > 5000 mg/kg LD50 Oral 2600 mg/kg CL50 Inhalation - vapor > 100 mg/l
<b>2-(3,3-DIMETHYLCYCLOHEX-1-ENYL)-2,5,5-TRIMETHYL-1,3-DIOXANE</b>	1853175-99-1 01-2120777879-25-0000	0.800%	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor N/A mg/l
<b>MIRALLYL</b>	1245725-35-2 01-2120922801-61-0000	0.200%	Skin Sens. 1, H317 Aquatic Chronic 2, H411	M factor: Not applicable SCL: Not applicable ATE: LD50 Dermal > 5000 mg/kg LD50 Oral > 5000 mg/kg CL50 Inhalation - vapor > 100 mg/l

The REACH number is specific to V MANE FILS legal entity.

Ingredients having an occupational exposure limit value: See section 8.

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Get medical attention if symptoms persist.

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

Never give liquid to an unconscious person.

# **5 FIRE-FIGHTING MEASURES**

## **5.1 Extinguishing media**

Water, CO2 or Foam

Extinguishing media to avoid

Avoid water in straight hose stream; will scatter and spread fire.

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

Avoid breathing dust or vapor.

Cool containers exposed to flames with water until well after the fire is out.

## **5.3 Advice for firefighters**

No specific precautions.

# **6 Measures to adopt in case of accidental dispersion**

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

Contain spillages with sand, earth or any suitable adsorbent material.

## **6.2 Environmental precautions**

There must be no release into the environment.

## **6.3 Methods and material for containment and clean-up**

Collect with non-combustible absorbent material. Flush with water. Dike for large spills.

## **6.4 Reference to other sections**



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

See Section 8 of the SDS for Personal Protective Equipment.  
For waste disposal, see section 13 of the SDS.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.  
Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.  
Do not breathe vapor from heated material.

### 7.2 Condition for safe storage, including any incompatibilities

Keep only in the original container in an appropriate place.

### 7.3 Specific end use(s)

No specific precautions.

## [x] 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

Occupational exposure limits

#### ***National OELs values***

FRANCE: None  
GERMANY: None  
UNITED STATES OF AMERICA: None  
ARGENTINA: None  
BRAZIL: None  
CHINA: None  
INDONESIA: None  
JAPAN: None  
POLAND: None

#### ***European Indicative OELs values***

None

### 8.2 Exposure controls

Face & eye protection:



Use safety glasses or a face shield according to Standard EN 166 and according to the hazard analysis specific to the workplace (chemical to be handled, protocol for use, frequency of use, quantity used, etc.).

Hand & skin protection:

Use chemical resistant gloves in accordance with Standard EN 374 for protective gloves against chemicals.

When prolonged or frequently repeated contact may occur, a glove with a protection class of 4 or higher (breakthrough time greater than 120 minutes according to Standard EN 374) is recommended.

When only brief contact is expected, a glove with a protection class of 1 or higher (breakthrough time greater than 10 minutes according to Standard EN 374) is recommended. Thickness > or = 0.2 mm.

Please observe the instructions regarding permeability and breakthrough time which are provided by the glove supplier. Permeation time must exceed contact time.

Choose the type of gloves according to the chemical properties of the products being handled.

Change gloves according to the manufacturer's recommendations or if they are damaged.

Wear protective clothing covering the arms and legs. Use an apron or full suit if exposure is expected.

These recommendations must be adapted according to the hazard analysis specific to the workplace.

Respiratory protection:

Use in a well-ventilated area.

In the event that ventilation is not sufficient to prevent inhalation of substances or reduce airborne concentrations below an established occupational exposure limit, use an adequate respiratory apparatus to supplement the engineering measures already in place.

These recommendations must be adapted according to the hazard analysis specific to the workplace.

## [x] 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- Physical State: LIQUID
- Color: From VERY LIGHT YELLOW to YELLOW
- Odor: Characteristic
- pH: No data available.
- Melting point (°C): No data available.
- Boiling point (°C): No data available.
- Flash point (°C): 87.0 °C (188.6 °F)
- Evaporation Rate: No data available.
- Flammability (solid, gas): No data available.
- Upper/lower limit on flammability or explosive limits: No data available.
- Vapor pressure: 0.09 mmHg



- Vapor Density: No data available.
- Specific Gravity: 0.9250 / 0.9350
- Solubility: No data available.
- Log Pow (n-Octanol/Water Partition Coefficient): No data available.
- Auto Ignition Temp. (°C): No data available.
- Decomposition temperature (°C): No data available.
- Viscosity at 40°C: No data available.
- Explosive properties: No data available.
- Oxidizing properties: No data available.
- Vapor pressure at 20°C: No data available.
- Vapor pressure at 50°C: No data available.

## **9.2 Other information**

No other information noted.

## **10 STABILITY AND REACTIVITY**

### **10.1 Reactivity**

No data available.

### **10.2 Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3 Possibility of hazardous reactions**

No data available.

### **10.4 Conditions to avoid**

Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.





## 10.5 Incompatible materials

No data available.

## 10.6 Hazardous decomposition products

No data available.

# [x] 11 TOXICOLOGICAL INFORMATION

## 11.1 Hazard class information as defined in Regulation (EC) No. 1272/2008

### Product Information

LD50 Dermal(mg/kg) > 5000 (Unknown: 0%) (Calculated)  
 LD50 Oral(mg/kg) > 5000 (Unknown: 0%) (Calculated)  
 LC50 - Inhalation - vapor(mg/l) > 100 (Unknown: 0.62%) (Calculated)

### Component Information

Component	CAS	Concentration limit	LD50 Dermal (mg/kg)	LD50 Oral (mg/kg)	CL50 Inhalation - vapor (mg/l)
2,6-dimethyloct-7-en-2-ol	18479-58-8	[5 % , 10 %]	> 5000 <i>Estimated</i>	3020 <i>Estimated</i>	> 100 <i>Estimated</i>
cis-3-HEXENOL	928-96-1	[5 % , 10 %]	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>
MENTHOL	89-78-1	[1 % , 5 %]	> 5000 <i>Estimated</i>	2600 <i>Estimated</i>	> 100 <i>Estimated</i>
2-(3,3-DIMETHYLCYCLOHEX-1-ENYL)-2,5,5-TRIMETHYL-1,3-DIOXANE	1853175-99-1	[0.1 % , 1 %]	> 5000 <i>Estimated</i>	> 5000 <i>Measured</i>	No data available.
MIRALLYL	1245725-35-2	[0.1 % , 1 %]	> 5000 <i>Estimated</i>	> 5000 <i>Estimated</i>	> 100 <i>Estimated</i>

Serious eye damage/irritation : No data available.

Germ cell mutagenicity : No data available.

Reproductive toxicity : No data available.

Specific Target Organ - Single Exposure : No data available.

Skin Sensitization : No data available.

Cancerogenicity : No data available.

Specific Target Organ (NE) - : No data available.



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

Single Exposure  
 Specific Target Organ - Repeated Exposure : No data available.  
 Aspiration Hazard : No data available.  
 Respiratory Sensitization : No data available.  
 Skin corrosion/irritation : No data available.

### Information on likely routes of exposure

No data available.

### Symptoms related to the physical, chemical, and toxicological characteristics

No data available.

### Delayed, Immediate, and Chronic Effects of Short- and Long-Term Exposure

No data available.

### Interactive effects

No data available.

## 11.2 Information on other hazards

### Properties interfering with the endocrine system

Not applicable

### Other information

No data available.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Product Information

Toxicity Fish : No data available.  
 Toxicity Alga : No data available.  
 Toxicity Water Flea : No data available.

#### Component Information



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

Component	CAS	Concentration limit	Alga (mg/l)	Water Flea (mg/l)	Fish (mg/l)
BETAHYDRANE (r)	60466-73-1	[0.1 % , 1 %[	None	None	(OECD 203) 20.1 mg/l 96h Brachidanio rerio

## 12.2 Persistence and degradability

Biodegradability : No data available.  
Hydrosolubility : No data available.  
Comments : None

## 12.3 Bioaccumulative potential

Log Pow (n-Octanol/Water Partition Coefficient) : No data available.  
Bio Concentration Factor : No data available.

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Information on other hazards

### Properties interfering with the endocrine system

Not applicable

### Other information

No data available.

## 12.7 Other adverse effects

No data available.

# 13 DISPOSAL CONSIDERATIONS

## 13.1 Waste treatment methods



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

Do not release into the environment. Confirm disposal procedures with environmental engineer and local regulations.

## 13.2 Other information

Always keep original label(s) on empty recipients (drums/pails).

## 14 TRANSPORT INFORMATION

### ADR

UN number : 3082  
 Transportation name United Nations : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( PERFUMERY PRODUCTS )  
 Danger class(es) for transport : Class 9 : MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES  
 Packaging group : III  
 Environmental dangers : Yes.  
 Tunnel restriction code : -

### IATA

UN number : 3082  
 Transportation name United Nations : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( PERFUMERY PRODUCTS )  
 Danger class(es) for transport : Class 9 : MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES  
 Packaging group : III  
 Environmental dangers : Yes.

### IMDG

UN number : 3082  
 Transportation name United Nations : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( PERFUMERY PRODUCTS ) POLLUTANT  
 Danger class(es) for transport : Class 9 : MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES  
 Packaging group : III  
 Environmental dangers : Yes.  
 Marine pollutants : P - pollutant

### RID

UN number : 3082  
 Transportation name United Nations : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( PERFUMERY PRODUCTS )  
 Danger class(es) for transport : Class 9 : MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES  
 Packaging group : III  
 Environmental dangers : Yes.  
 Tunnel restriction code : -

## 14.1 Special precautions for user

No recommendation given.



# SAFETY DATA SHEET

GREENCATCHER M\_0065610

## [x] 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**Water Hazard Class (WGK):** WGK 2 (Hazard to waters)

**SEVESO III: DIRECTIVE 2012/18/EU of the European parliament and of the council on the control of major-accident hazards involving dangerous substances.**

**Section(s) of the ICPE nomenclature (France):** 4330, 4331, 4511

Other regulations can apply:

**Directive 92/85/EEC on the maternity Protection or stricter national regulations if applicable.**

**Directive 94/33/EC on the protection of young people at work or stricter national regulations, if applicable.**

### 15.2 Chemical safety assessment

No data available.

## [x] 16 OTHER INFORMATION

### 16.1 Entire text of the H and P phrases mentioned in chapters 2 and 3:

H226	Flammable liquid and vapor.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

P273: Avoid release to the environment.

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

P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present.

P337+P313: If eye irritation persists: Get medical advice

P391: Collect spillage.

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### 16.2 Abbreviation and acronyms

CAS: Chemical Abstracts Service

CO2: Carbon dioxide

LD50: Lethal dose 50



NTP: National Toxicology program  
IARC: International Agency for Research on Cancer  
OSHA: Occupational Safety and Health Administration  
UN: United Nations  
IMDG : International Maritime Dangerous Goods  
IATA : International Air Transport Association

### Classification codes

Aquatic Chronic 2	: Chronic hazards to the aquatic environment Category 2
Eye Irrit. 2	: Serious eye damage/eye irritation Category 2
Flam. Liq. 3	: Flammable liquids Category 3
Skin irrit. 2	: Skin corrosion/irritation Category 2
Skin Sens. 1	: Skin sensitizer Category 1
Skin Sens. 1B	: Skin sensitizer Category 1B
STOT SE 3 (NE)	: Specific target organ toxicity - single exposure Category 3 Narcotic effect.

### **16.3 Key literature references and sources for data**

This safety Data Sheet has been prepared in accordance with Regulation EC 1907/2006 and its amendments. The information given correspond to the knowledge we have on the date mentioned on this document and is based on the recommendations of the EFFA and IOFI/IFRA working groups.

To specify modifications that appear in document since the previous version, we note this symbol [X] in front of each section containing a modification.

**We cannot be held responsible in the event of improper usage of this product. It is up to the user to analyse the information given and to determine appropriate handling conditions for the safe use of this product.**

**It is the user's liability to conform to all local, national, and international regulations that apply to its activities.**

**This automatically generated safety data sheet is valid without signature.**