

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: PM Del #69439 (W)

Product Reference:

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

Relevant identified uses of the substance or mixture: This material should only be used in fragrances, perfumed products or cosmetics.

Uses advised against: Other uses than those recommended.

1.3 Details of the supplier of the safety data sheet: Id distribution

Address: 38, Chemin du Hallot, 27630, vexin sur Epte, France

Phone Number: J. Bonnet

e-mail:

1.4 Emergency telephone number: +331 4005 4932 (Local Poison Control Center)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008

Skin corrosion/irritation, Hazard Category 2; H315
Sensitisation — Skin, Hazard Category 1; H317
Long-term (chronic) aquatic hazard, category chronic 1; H410.

2.2 Label elements



Signal word: Warning

Contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, (3alpha,3abeta,6beta,7beta,8aalpha))-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene, mentha-1,8-diene, linalyl acetate, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, isoeugenol (3R-(R)-p-

Hazard Statements:
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H410: Very toxic to aquatic life with long lasting effects.

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Precautionary Statements:
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves.
P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P501: Dispose of contents/container to an approved waste disposal plant.

Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, (3R-(3alpha,3abeta,6beta,7beta,8aalpha))-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene, (R)-p-mentha-1,8-diene, linalyl acetate, linalool, 1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one, pin-2(10)-ene, vetiveria zizanioides, ext., alpha-methyl-1,3-benzodioxole-5-propionaldehyde, pin-2(3)-ene, thuj-4(10)-ene, 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one, isoeugenol. May produce an allergic reaction.

2.3 Other hazards

Results of PBT and vPvB assessment The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 % (w/w).
Environmental endocrine disrupting properties. The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).
Human health endocrine disrupting properties. The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥25% and <50%	259-174-3 N/A 01- 2119489989-04	54464-57-2	1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Skin Irrit. 2;H315- Skin Sens. 1B;H317- Aquatic Chronic 1;H410
≥5% and <10%	243-384-7 01- 2120228335-61	19870-74-7	[3R-(3alpha,3abeta,6beta,7beta,8aalpha))-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene	Skin Sens. 1B;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410
≥5% and <10%	248-561-2 01- 2120234292-65	27606-09-3	Magnolan	Acute Tox. 4;H302- Aquatic Chronic 3;H412
≥1% and <5%	259-461-3 01- 2119969446-23	55066-48-3	3-methyl-5-phenylpentanol	Acute Tox. 4;H302- STOT RE 2;H373
≥1% and <5%	252-961-2 01- 2120224905-56 N/A	36306-87-3	4-(1-ethoxyvinyl)-3,3,5,5-tetramethylcyclohexanone	Skin Irrit. 2;H315- Aquatic Chronic 2;H411
≥1% and <5%	200-456-2 01- 2119963921-31	60-12-8	2-phenylethanol	Acute Tox. 4;H302- Eye Irrit. 2;H319

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Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥1% and <5%	227-813-5 01- 2119529223-47 N/A	5989-27-5	(R)-p-mentha-1,8-diene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1B;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400;M=1- Aquatic Chronic 3;H412
≥1% and <5%	201-972-0 01- 2119929625-31	90-17-5	2,2,2-trichloro-1-phenylethyl acetate	Aquatic Chronic 3;H412
≥1% and <5%	204-116-4 01- 2119454789-19 N/A	115-95-7	Linalyl acetate	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1B;H317
≥0,1% and <1%	201-134-4 01- 2119474016-42 N/A	78-70-6	linalool	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1B;H317
≥0,1% and <1%	251-649-3 01- 2119977131-40	33704-61-9	1,2,3,5,6,7-hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1B;H317- Aquatic Chronic 2;H411
≥0,1% and <1%	204-872-5 01- 2119519230-54 N/A	127-91-3	Pin-2(10)-ene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1B;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410
≥0,1% and <1%	282-490-8 N/A	84238-29-9	Vetiveria zizanioides, ext.	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1;H317
≥0,1% and <1%	214-881-6 01- 2120740119-58	1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde	Skin Sens. 1B;H317- Aquatic Chronic 2;H411- Repr. 2;H361
≥0,1% and <1%	201-291-9 N/A 01- 2119519223-49 01- 2119979519-16	80-56-8	Pin-2(3)-ene	Flam. Liq. 3;H226- Acute Tox. 4;H302- Skin Irrit. 2;H315- Skin Sens. 1B;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410
≥0,1% and <1%	205-775-0 01- 2119959860-27	150-84-5	Citronellyl acetate	Skin Irrit. 2;H315- Aquatic Chronic 2;H411
≥0,1% and <1%	204-881-4 01- 2119555270-46 01- 2119565113-46	128-37-0	2,6-di-tert-butyl-p-cresol	Aquatic Chronic 1;H410;M=1
≥0,1% and <1%	240-457-5 01- 2119976300-42	16409-43-1	tetrahydro-4-methyl-2-(2-methylprop-1-enyl)pyran	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Repr. 2;H361f
≥0,1% and <1%	204-622-5 01- 2119514321-56 N/A	123-35-3	7-methyl-3-methyleneocta-1,6-diene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Eye Irrit. 2;H319- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 2;H411

Concentration range of the constituent (% weight/weight)	EC number / Registration number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
≥0,1% and <1%	222-212-4 N/A	3387-41-5	thuj-4(10)-ene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1B;H317- Asp. Tox. 1;H304- Aquatic Chronic 2;H411
≥0,1% and <1%	245-833-2 N/A 01- 2120105798-49	23696-85-7	1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	Skin Irrit. 2;H315- Skin Sens. 1A;H317- Aquatic Chronic 2;H411
<0,1%	202-590-7 N/A 01- 2120223682-61	97-54-1 5932-68-3	isoeugenol	Acute Tox. 4;H302- Acute Tox. 4;H312- Acute Tox. 4;H332- Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1A;H317- STOT SE 3;H335

* There are components with Specific Concentration Limits.

See section 16 for the full text of the Hazard statement codes declared above.

Specific Concentration Limits:

Chemical name	CAS	EC Number	Concentration range of the constituent (% weight/weight)	Hazard Class and Category Code; Hazard statement codes
isoeugenol	97-54-1	202-590-7	≥0.01	Skin Sens. 1A;H317

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- Consumption:

If swallowed, rinse mouth with water.
Seek medical advice immediately and show this container or label.
Keep the person at rest. Do NOT induce vomiting.
- Eye contact:

Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water and seek medical advice.
- Inhalation:

Remove person to fresh air and keep at rest.
- Skin contact:

Remove contaminated clothing. Wash skin with mild soap and water, rinse abundantly. If symptoms persist, obtain medical attention.
- 4.2 Most important symptoms and effects, both acute and delayed:
- Irritating to skin or mucous membranes (inflammation). If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

May produce an allergic reaction (rash, urticaria).

Read label before use. No additional information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- Not available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media: Carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.
- 5.2 Special hazards arising from the substance or mixture: Not applicable.
- 5.3 Advice for firefighters:
- In case of fire in the surrounding area, follow the recommendations below:
- 1-Closed containers may build up pressure at elevated temperatures.
 - 2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
 - 3-Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:
- Wear appropriate gloves to prevent skin exposure.
- Avoid breathing vapours. Use a suitable respiratory apparatus if necessary. Avoid contact with eyes and skin.
- Maintain adequate ventilation in the working area after spilling.
- 6.2 Environmental precautions:
- Avoid contaminating the environment via the sewers or water sources.
- 6.3 Methods and material for containment and cleaning up:
- Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
- Ventilate area and wash spill site after material pickup is complete.
- Dispose of in accordance with current laws and regulations.
- 6.4 Reference to other sections:
- See also sections 8 and 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling:
- Keep away from food, drink and animal feedingstuffs. Do not smoke.
- Avoid contact with skin and eyes.
- Handle in accordance with good industrial hygiene and safety practice.
- 7.2 Conditions for safe storage, including any incompatibilities:
- Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.
- Keep away from incompatible substances (see section 10).
- 7.3 Specific end use(s):

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Not available

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters
- Declaration of substances is not required.
- 8.2 Exposure controls
- Personal protection equipment: Appropriate personal protective equipment shall be worn in accordance with Regulation (EU) 2016/425.
- Engineering Controls-Ventilation: The areas where the product is handled and stored should be adequately ventilated.
- Respiratory Protection: Use personal breathing apparatus whenever deemed necessary.
- Skin Protection: Avoid contact with skin. Compatible chemical-resistant gloves are recommended.
- Rinse and remove gloves immediately after use. Wash hands with soap and water thoroughly after handling.
- Eye/Face protection: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Appearance: Transparent liquid
- Colour: Yellowish
- Odour: Fruity - Floral
- Physical state: Liquid
- Density: 0.969 - 1.009 g/cm³ (20 °C)
- pH value: Not applicable
- Refractive Index: 1.473 - 1.513 (20 °C)
- Flash point: 96 °C
- Additional information: Not applicable.
- 9.2 Other information:
- Not applicable.

SECTION 10: Stability and reactivity

- 10.1 Reactivity: Not available.
- 10.2 Chemical stability: Stable under normal operating conditions.
- 10.3 Possibility of hazardous reactions:
- Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.
- 10.4 Conditions to avoid: Handle in accordance with good industrial hygiene and safety practice.
- 10.5 Incompatible materials: None known

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10.6 Hazardous decomposition products: Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

See also sections 2 and 3.
No toxicological information is available on the product itself.
Always use the product with care when handling chemicals.

Acute toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This mixture meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitisation:	This mixture meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-single exposure:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

11.2 Information on other hazards:

Endocrine disrupting properties.:
The product does not contain substances identified as having human health endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).
Component Values:
No data available

SECTION 12: Ecological information

12.1 Toxicity

Acute aquatic toxicity:

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Not determined

Short-term (acute) aquatic hazard:	This mixture does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Long-term (chronic) aquatic hazard:	This mixture meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

12.2 Persistence and degradability: Not available.
12.3 Bioaccumulative potential: Not determined
12.4 Mobility in soil: Not available.
12.5 Results of PBT and vPvB assessment: The product does not contain substances identified as PBT and/or vPvB in a concentration equal to or greater than 0,1 % (w/w).
12.6 Endocrine disrupting properties.:The product does not contain substances identified as having environmental endocrine disrupting properties in a concentration equal to or greater than 0,1 % (w/w).
12.7 Other adverse effects: Not available.
Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Container disposal: Do not reuse empty containers. Containers must be disposed of as hazardous waste.
Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road (ADR)

14.1 UN number or ID number:
UN No.: UN3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one, [3R-(3alpha,3abeta,6beta,7beta,8aalpha)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene)
14.2 UN proper shipping name:
14.3 Transport hazard class(es):
Class: 9
Subclass:
14.4 Packing group: III
14.6 Special precautions for user:
Tunnel restriction code: (-)
Label:





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Sea Transport (IMDG)

14.1 UN number or ID number:	UN3082:
UN No.:	Environmentally hazardous substance, liquid, n.o.s. (Contains 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, [3R-(3alpha,3abeta,6beta,7beta,8aalpha)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene)
14.2 UN proper shipping name:	
14.3 Transport hazard class(es):	9:
Class:	-:
Subsidiary hazard:	III
14.4 Packing group:	
14.5 Environmental hazards:	
Marine Pollutant:	Yes
14.6 Special precautions for user:	-
IMDG-Code segregation group:	F-A,S-F
EmS:	 
Label:	
14.7 Maritime transport in bulk according to IMO instruments:	Not applicable

Air Transport (ICAO/IATA)

14.1 UN number or ID number:	UN3082:
UN No.:	Environmentally hazardous substance, liquid, n.o.s. (Mixture of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, [3R-(3alpha,3abeta,6beta,7beta,8aalpha)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene)
14.2 UN proper shipping name:	
14.3 Transport hazard class(es):	9:
Class:	-:
Subsidiary hazard:	III
14.4 Packing group:	
14.6 Special precautions for user:	
Passenger aircraft:	ACCEPTED
Cargo aircraft:	ACCEPTED
Label:	 

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Substances of very high concern:
The product does not contain substances included in the Substances of Very High Concern list (> 0,1 % w/w).
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15.2 Chemical safety assessment

Not available.

SECTION 16: Other information

Text of hazard statement codes in section 3:
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H361: Suspected of damaging fertility or the unborn child
H361f: Suspected of damaging fertility.
H373: May cause damage to organs
H400: Very toxic to aquatic life.
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.

This material should only be used for industrial purposes.

Full text of classifications (in accordance with Regulation (EC) No 1272/2008):

Flam. Liq. 3; H226	Flammable liquids, Hazard Category 3
Acute Tox. 4; H302	Acute toxicity (oral), Hazard Category 4
Acute Tox. 4; H312	Acute toxicity (dermal), Hazard Category 4
Acute Tox. 4; H332	Acute toxicity (inhal.), Hazard Category 4
Skin Irrit. 2; H315	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2; H319	Serious eye damage/eye irritation, Hazard Category 2
Skin Sens. 1; H317	Sensitisation — Skin, Hazard Category 1
Skin Sens. 1A; H317	Sensitisation — Skin, Hazard Category 1A
Skin Sens. 1B; H317	Sensitisation — Skin, Hazard Category 1B
Repr. 2; H361	Reproductive toxicity, Hazard Category 2
Repr. 2; H361f	Reproductive toxicity, Hazard Category 2

STOT SE 3; H335	Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation
STOT RE 2; H373	Specific target organ toxicity — Repeated exposure, Hazard Category 2
Asp. Tox. 1; H304	Aspiration hazard, Hazard Category 1
Aquatic Acute 1; H400	Short-term (acute) aquatic hazard, category acute 1
Aquatic Chronic 1; H410	Long-term (chronic) aquatic hazard, category chronic 1
Aquatic Chronic 2; H411	Long-term (chronic) aquatic hazard, category chronic 2
Aquatic Chronic 3; H412	Long-term (chronic) aquatic hazard, category chronic 3

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. EH40/2005. Workplace exposure limits with amendments.

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Reason for Change: Adjustment to Regulation (EU) 2020/878.

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