

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

1.1. Product identifier

Chemical type : Mixture.
Trade name : ScentPatch+ Eo-301

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Solid composition based on synthetic essential oil, intended to implement these properties and flavour in any volume.

1.2.2. Sector of Use

SU3: Industrial uses: Uses of substances as such or in preparations at industrial sites
SU21: Private Household / General public
SU22: Professional uses: Public domain (administration, education, entertainment, service)

1.2.3. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EoStream
2a rue du Doubs
67100 Strasbourg - FRANCE
Tel +33 (0) 3 88 16 17 10
www.eostream.com

Imported and distributed by:

No-Odour Scent Solutions
Kerkenbos 1113
NL-6546 BC Nijmegen
THE NETHERLANDS
Tel. +31 (024) 645 37 85

1.4. Emergency telephone number

Country	Organisation/Company	City	Emergency number
FRANCE	EOSTREAM	2a rue du Doubs 67100 Strasbourg	+33 (0)3 88 16 17 10

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No.1272/2008

SGH07; H315: Causes skin irritation.
SGH07; H317: May cause an allergic skin reaction.
SGH07; H319: Causes serious eye irritation.
SGH09; H411: Toxic to aquatic life with long-lasting effects.

Full text of H-phrases: see section 16

Classification according to directive 67/548/EEC & 1999/45/EC

Xi; R38: Irritating to skin.
Xi; R43: May cause sensitisation by skin contact.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of R-phrases: see section 16

2.2. Label elements

Labelling according to regulation (EC) No.1272/2008

Hazard symbols :



Signal words : Warning
Hazardous ingredient : α,α -4-trimethyl-(1S)-3-cyclohexene-1-methanol
Hazard statements : H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H411: Toxic to aquatic life with long-lasting effects
Precautionary statements : P102: Keep out of reach of children
P264: Wash hands thoroughly after handling
P272: Contaminated work clothing should not be allowed out of the workplace
P273: Avoid release to the environment
P280: Wear protective gloves/protective clothing/eye protection/face protection

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

2.3. Other hazards

Other hazards not contributing to the classification : None, to our knowledge.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixture

Solid composition based on synthetic essential oil, intended to implement these properties and flavour in any volume.

Name	Product identifier	%	Classification according to Regulation (EC) No.1272/2008
α,α -4-trimethyl-(1S)-3-cyclohexene-1-methanol	(CAS No.) 8000-41-7 (EC no) 233-986-8 (REACH-no) 01-2119553062-49	> 2,50 % < 10,00 %	Skin Irrit. 2, H315 Eye Irrit. 2, H319
(2E)-2-(phenylmethylidene)octanal	(CAS No.) 101-86-0 (EC no) 202-983-3 (REACH-no) C&L Inventory	> 2,50 % < 10,00 %	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
1,1-Oxydi-2-Propanol	(CAS No.) 25265-71-8 (EC no) 203-821-4 (REACH-no) 01-2119456811-38	> 2,50 % < 10,00 %	Not classified
hexyl salicylate	(CAS No.) 6259-76-3 (EC no) 228-408-6 (REACH-no) 01-2119638275-36	> 2,50 % < 10,00 %	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
1-methyl-4-prop-1-en-2-ylcyclohexene	(CAS No.) 8008-79-5 (EC no) - (REACH-no) C&L Inventory	> 2,50 % < 10,00 %	Acute Tox. 4, H302 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
1,5-dimethyl-1-vinylhex-4-en-1-yl acetate	(CAS No.) 115-95-7 (EC no) 204-116-4 (REACH-no) 01-2119454789-19	> 2,50 % < 10,00 %	Skin Irrit. 2, H315 Eye Irrit. 2, H319
2-phenylethanol	(CAS No.) 60-12-8 (EC no) 200-456-2 (REACH-no) 01-2119963921-31	> 2,50 % < 10,00 %	Acute Tox. 4, H302 Eye Irrit. 2, H319
2-methylundecanal	(CAS No.) 110-41-8 (EC no) 203-765-0 (REACH-no) 01-2119969443-29	> 2,50 % < 10,00 %	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3,7-dimethyloct-6-en-1-ol	(CAS No.) 106-22-9 (EC no) 203-375-0 (REACH-no) 01-2119453995-23	< 2,50 %	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
3-(4-tert-butylphenyl)-2-methylpropanal	(CAS No.) 80-54-6 (EC no) 201-289-8 (REACH-no) C&L Inventory	< 2,50 %	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411
(2E)-3,7-dimethylocta-2,6-diën-1-ol	(CAS No.) 106-24-1 (EC no) 203-377-1 (REACH-no) 01-2119552430-49	< 2,50 %	Skin Irrit. 2, H315 Eye Damage 1, H318 Skin Sens. 1, H317
1-(3,5,5,6,8,8-Hexamethyl-5,6,7,8-tetrahydronaphthalen-2-yl)ethanone	(CAS No.) 21145-77-7 (EC no) 216-133-4 (REACH-no) 01-2119921100-61	< 2,50 %	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2H-chromen-2-one	(CAS No.) 91-64-5 (EC no) 202-086-7 (REACH-no) 01-2119949300-45	< 2,50 %	Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Chronic 3, H412
[(2z)-3,7-dimethylocta-2,6-dienyl]acetate	(CAS No.) 141-12-8 (EC no) 205-459-2 (REACH-no) C&L Inventory	< 2,50 %	Not classified
Orange, sweet, ext.	(CAS No.) 8028-48-6 (EC no) 232-433-8 (REACH-no) 01-2119493353-35	< 2,50 %	Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 1, H410

Full text of H-phrases and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Not specifically applicable.
First-aid measures after skin contact : Wash with plenty of soap and water
If on skin and if skin irritation occurs, seek medical advice and attention.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open
Consult an eye specialist immediately.

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

First-aid measures after ingestion : Rinse mouth thoroughly with clear water without swallowing and immediately consult the emergency contact or get medical attention.

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

Symptoms/injuries after skin contact : Redness. Irritation. Sensitisation.
Symptoms/injuries after eye contact : Redness. Burning sensation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2)
Foam
Powder.
Unsuitable extinguishing media : Strong water jet
Water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard : During combustion :
Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Cool down the containers exposed to heat with a water spray.
Firefighting instructions : Contain the extinguishing fluids by bunding.
Protection during firefighting : Do not attempt to take action without suitable protective equipment
Self-contained breathing apparatus
Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves.
Emergency procedures : Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment
For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not allow product to spread into the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Recover mechanically the product.
Methods for cleaning up : Wash contaminated area with large amounts of water.
Other information : Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes
Ventilation.
Handling temperature : 40 °C maximum.
Hygiene measures : Do not drink, eat or smoke in the workplace
Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation.
Storage conditions : Store in original container
Store in dry, cool, well-ventilated area
Keep away from heat
Store in a dark area.
Maximum storage period : 12 months.
Storage temperature : 25 °C maximum.

7.3. Specific end use(s)

Not applicable.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace

Ingredients with limit values that require monitoring at the workplace	
-	WEL (mg/m ³)
	Short-term value: - Long-term value: -

8.2. Exposure controls

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin.

Respiratory protection:

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

Not required for normal conditions of use.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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.

Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Yellowish Orange
Odour	: Fruity & Minty
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Boiling point	: Not applicable
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: The product is not flammable
Explosive limits	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 990 - 1030 kg/m ³
Solubility	: Water: Insoluble Ethanol: Insoluble
Log Pow	: No data available
Self ignition temperature	: > 300 °C
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Not explosive
Oxidising properties	: Non oxidizing material according to EC criteria

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

LD/LC50 values relevant for classification:

-	
LD50 oral rat	-
LD50 dermal rabbit	-

Irritation : Causes skin irritation. Causes serious eye irritation.
Corrosivity : Not classified (Based on available data, the classification criteria are not met)
Sensitisation : May cause sensitisation by skin contact.
Repeated dose toxicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Toxicity for reproduction : Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long-lasting effects. Avoid discharge of the product as is into the environment.

12.2. Persistence and degradability

ScentPatch+ Eo-301	
Persistence and degradability	40 % of this product is biodegradable. 20% of the product is not considered as biodegradable. No biodegradability data are currently available for the 40 % remaining.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal must be made according to official regulations. Do not pour in sewers, surface water or soil. Dispose of empty packaging according to requirements of municipal waste disposal regulations.

European waste catalogue:

16.	Wastes not otherwise specified in the list
16.03	Off-specification batches
16.03.05*	organic wastes containing dangerous substances

Uncleaned packaging:

Disposal must be made according to official regulations

SECTION 14: Transport information

14.1. UN number

ADR : 3077
IMDG : 3077
IATA : 3077
AND : 3077
RID : 3077

14.2. Proper shipping name

ADR : Environmentally hazardous substance, solid, n.o.s.
((2E)-2-(phenylmethylidene)octanal, hexyl salicylate, 1-methyl-4-prop-1-en-2-ylcyclohexene, 2-methylundecanal)
IMDG : Environmentally hazardous substance, solid, n.o.s.
((2E)-2-(phenylmethylidene)octanal, hexyl salicylate, 1-methyl-4-prop-1-en-2-ylcyclohexene, 2-methylundecanal)
IATA : Environmentally hazardous substance, solid, n.o.s.
((2E)-2-(phenylmethylidene)octanal, hexyl salicylate, 1-methyl-4-prop-1-en-2-ylcyclohexene, 2-methylundecanal)
AND : Environmentally hazardous substance, solid, n.o.s.
((2E)-2-(phenylmethylidene)octanal, hexyl salicylate, 1-methyl-4-prop-1-en-2-ylcyclohexene, 2-methylundecanal)

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

RID : Environmentally hazardous substance, solid, n.o.s.
((2E)-2-(phenylmethylidene)octanal, hexyl salicylate, 1-methyl-4-prop-1-en-2-ylcyclohexene, 2-methylundecanal)

14.3. Transport hazard class(es)

ADR

Transport hazard class (ADR) : 9
Transport hazard label (ADR) : 9



IMDG

Transport hazard class (IMDG) : 9
Transport hazard label (IMDG) : 9



IATA

Transport hazard class (IATA) : 9
Transport hazard label (IATA) : 9



AND

Transport hazard class (AND) : 9
Transport hazard label (AND) : 9



RID

Transport hazard class (RID) : 9
Transport hazard label (RID) : 9



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

14.5. Environmental hazards

Hazardous for the environment : Yes (Toxic to aquatic life with long-lasting effects)

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No additional information available

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Data sources : ECHA - European Chemical Agency. Joint Research Center (JRC). SDS of suppliers.

ScentPatch+ Eo-301

Material Safety Data Sheet

According to Regulation (EC) No. 453/2010

Other information

: This safety data sheet has been written in conformity with the Annex II of the Regulation (EC) 1907/2006 (REACH). No experimental study is available on the mixture. Information hereunder are based on our knowledge on components, and classification of the mixture is determined with the calculation method. Safety data sheet established by : EoStream - 2a, rue du Doubs, 67100 Strasbourg, France.

Full text of H- and EUH-phrases:

Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Damage 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitisation Category 1
Skin Sens. 1B	Skin sensitisation Category 1B
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Acute Tox. 4	Acute toxicity Categories 4
Asp. Tox. 1	Aspiration hazard Category 1
Repr. 2	Reproductive toxicity Category 2
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child
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

Full text of R-phrases:

R38	Irritating to skin
R43	May cause sensitisation by skin contact
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Xi	Irritant

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.