

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

#### 1.1. Product identifier

Chemical type : Mixture.  
Trade name : ScentGel Eo-401

#### 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 and biodegradable water based composition on a 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<br>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.  
H412: Harmful 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; 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 : 3,7-dimethylocta-1,6-dien-3-ol  
Hazard statements : H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H412: Harmful to aquatic life with long-lasting effects  
Precautionary statements : P102: Keep out of reach of children  
P264: Wash hands thoroughly after handling  
P273: Avoid release to the environment  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P501: Dispose of contents/container in accordance with local/regional/national/international regulations

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## 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  |
|--|---|--------------------|---|
| 3,7-dimethylocta-1,6-dien-3-ol                             | (CAS No.) 78-70-6<br>(EC no) 201-134-4<br>(REACH-no) 01-2119474016-42   | > 2,50 % < 10,00 % | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   |
| (2E)-2-(phenylmethylidene)octanal                          | (CAS No.) 101-86-0<br>(EC no) 202-983-3<br>(REACH-no) C&L Inventory     | > 2,50 % < 10,00 % | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411  |
| $\alpha,\alpha$ -4-trimethyl-(1S)-3-cyclohexene-1-methanol | (CAS No.) 8000-41-7<br>(EC no) 233-986-8<br>(REACH-no) 01-2119553062-49 | > 2,50 % < 10,00 % | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   |
| 1,5-dimethyl-1-vinylhex-4-en-1-yl acetate                  | (CAS No.) 115-95-7<br>(EC no) 204-116-4<br>(REACH-no) 01-2119454789-19  | < 2,50 %           | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   |
| 1-methyl-4-prop-1-en-2-ylcyclohexene                       | (CAS No.) 8008-79-5<br>(EC no) -<br>(REACH-no) C&L Inventory            | < 2,50 %           | Acute Tox. 4, H302<br>Asp. Tox. 2, H304<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| (E)-3,7-dimethylocta-2,6-dienal                            | (CAS No.) 5392-40-5<br>(EC no) 226-394-6<br>(REACH-no) 01-2119462829-23 | < 2,50 %           | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317  |

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.  
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 (CO<sub>2</sub>)  
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.

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### 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 : 35 °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

|   | WEL (mg/m <sup>3</sup> ) | Short-term value: -<br>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:

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 : Milky  
Odour : Fresh & Minty, from lemon  
Odour threshold : No data available  
pH : No data available

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|  |   |
|--|---|
| 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 <sup>3</sup>                    |
| Solubility                                 | : Water: Yes<br>Ethanol: Yes                      |
| 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

## 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 : Harmful to aquatic life with long-lasting effects. Avoid discharge of the product as is into the environment.

### 12.2. Persistence and degradability

|                               |                              |
|-------------------------------|------------------------------|
| ScentGel Eo-401               |                              |
| Persistence and degradability | Biodegradable more than 70%. |

### 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

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### 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:

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

### Uncleaned packaging:

Disposal must be made according to official regulations

## SECTION 14: Transport information

### 14.1. UN number

|               |      |
|---------------|------|
| <b>ADR :</b>  | 3077 |
| <b>IMDG :</b> | 3077 |
| <b>IATA :</b> | 3077 |
| <b>AND :</b>  | 3077 |
| <b>RID :</b>  | 3077 |

### 14.2. Proper shipping name

|               |  |
|---------------|--|
| <b>ADR :</b>  | Environmentally hazardous substance, solid, n.o.s.<br>((2E)-2-(phenylmethylidene)octanal, 1-methyl-4-prop-1-en-2-ylcyclohexene, 4-allyl-2-methoxyphenol) |
| <b>IMDG :</b> | Environmentally hazardous substance, solid, n.o.s.<br>((2E)-2-(phenylmethylidene)octanal, 1-methyl-4-prop-1-en-2-ylcyclohexene, 4-allyl-2-methoxyphenol) |
| <b>IATA :</b> | Environmentally hazardous substance, solid, n.o.s.<br>((2E)-2-(phenylmethylidene)octanal, 1-methyl-4-prop-1-en-2-ylcyclohexene, 4-allyl-2-methoxyphenol) |
| <b>AND :</b>  | Environmentally hazardous substance, solid, n.o.s.<br>((2E)-2-(phenylmethylidene)octanal, 1-methyl-4-prop-1-en-2-ylcyclohexene, 4-allyl-2-methoxyphenol) |
| <b>RID :</b>  | Environmentally hazardous substance, solid, n.o.s.<br>((2E)-2-(phenylmethylidene)octanal, 1-methyl-4-prop-1-en-2-ylcyclohexene, 4-allyl-2-methoxyphenol) |

### 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 |

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### 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 (Harmful 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.  
 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                   |
| Skin Irrit. 2     | Skin corrosion/irritation Category 2                           |
| Skin Sens. 1      | Skin sensitisation Category 1                                  |
| Skin Sens. 1B     | Skin sensitisation Category 1B                                 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Acute Tox. 4      | Acute toxicity Categories 4                                    |
| Asp. Tox. 2       | Aspiration hazard 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                            |
| H319              | Causes serious eye irritation                                  |
| H411              | Toxic to aquatic life with long lasting effects                |
| H412              | Harmful to aquatic life with long lasting effects              |

Full text of R-phrases:

|        |  |
|--------|--|
| 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.*