

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

#### 1.1. Product identifier

|                 |                             |
|-----------------|-----------------------------|
| Product form    | : Mixture                   |
| Trade name      | : CHRISTMAS BALSAM #EU2134F |
| UFI             | : U7W5-80QJ-900K-FGMK       |
| Product code    | : EU2134F                   |
| Type of product | : Perfumes, fragrances      |
| Product group   | : Trade product             |

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

##### 1.2.1. Relevant identified uses

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| Main use category                | : Industrial use, Professional use        |
| Industrial/Professional use spec | : For professional use only<br>Industrial |
| Use of the substance/mixture     | : Perfumes, fragrances                    |
| Function or use category         | : Odour agents                            |

##### 1.2.2. Uses advised against

No additional information available

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

##### Supplier

FRENCH COLOR & FRAGRANCE International GmbH  
Mittlerer Weg 35  
DE- 79424 Auggen  
Germany  
T 49-7631-931-8900  
[SDS@frenchcolor.com](mailto:SDS@frenchcolor.com) - [www.frenchcolor.com](http://www.frenchcolor.com)

#### 1.4. Emergency telephone number

|                  |                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency number | : 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731;<br>Brazil: +0-800-591-6042; India: +000-800-100-4086 |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Skin sensitisation, Category 1                                    | H317 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |
| Full text of H- and EUH-statements: see section 16                |      |

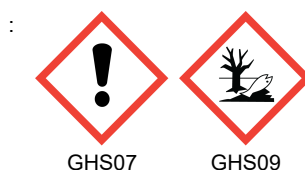
##### Adverse physicochemical, human health and environmental effects

Causes skin irritation. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains                       | : Vertenex; Linalyl acetate; Cedar leaf oil; Triplal (Vertocitral); 4,7-Methano-1H-indene-2-carboxaldehyde, octahydro-5-methoxy-                                                                                                                                                                                                                                                                                                           |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H411 - Toxic to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                                                                   |
| Precautionary statements (CLP) | : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P321 - Specific treatment (see supplemental first aid instruction on this label). |
| Extra phrases                  | : For professional users only.                                                                                                                                                                                                                                                                                                                                                                                                             |

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                                                               | Product identifier                                                                                  | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCb) | CAS-No.: 1222-05-5<br>EC-No.: 214-946-9<br>EC Index-No.: 603-212-00-7<br>REACH-no: 01-2119488227-29 | 1,2 – 2,4 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                            |
| Ethyl maltol                                                                       | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5                                                             | 0,9 – 1,7 | Acute Tox. 4 (Oral), H302                                                                                                                   |
| Vertenex                                                                           | CAS-No.: 32210-23-4<br>EC-No.: 250-954-9<br>REACH-no: 01-2119976286-24                              | 0,8 – 1,5 | Skin Sens. 1B, H317                                                                                                                         |
| Linalyl acetate                                                                    | CAS-No.: 115-95-7<br>EC-No.: 204-116-4<br>REACH-no: 01-2119454789-19                                | 0,6 – 1,2 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317                                                                             |
| Cedar leaf oil                                                                     | CAS-No.: 8007-20-3<br>EC-No.: 290-370-1<br>REACH-no: 01-2120763401-62                               | 0,4 – 0,8 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |
| Allyl amyl glycolate                                                               | CAS-No.: 67634-00-8<br>EC-No.: 266-803-5                                                            | 0,4 – 0,7 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 2 (Inhalation), H330<br>Aquatic Chronic 1, H410                                                     |

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Name                                                                                                                                                                                                                                                            | Product identifier                                                               | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------|
| Triplal (Vertocitral)                                                                                                                                                                                                                                           | CAS-No.: 68039-49-6<br>EC-No.: 268-264-1                                         | 0,3 – 0,5 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412 |
| reaction mass of: (1RS, 2RS,3SR, 6RS, 9SR)-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 3RS, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 4SR, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde | CAS-No.: 86803-90-9<br>EC-No.: 429-860-9;617-923-5<br>EC Index-No.: 605-034-00-5 | 0,2 – 0,3 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                              |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/.... If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water, Call a physician immediately on this label). Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Symptoms/effects after inhalation   | : May cause an allergic skin reaction.             |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |

### 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   | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

|                                                  |                                                    |
|--------------------------------------------------|----------------------------------------------------|
| Fire hazard                                      | : Combustible liquid.                              |
| Explosion hazard                                 | : May form flammable/explosive vapour-air mixture. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.                     |

### 5.3. Advice for firefighters

|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                                |                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.<br>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

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| General measures | : Remove ignition sources. Use special care to avoid static electric charges. No open flames.<br>No smoking. |
|------------------|--------------------------------------------------------------------------------------------------------------|

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes.<br>Avoid breathing dust/fume/gas/mist/vapours/spray. |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area.                                                                                                                                                                                      |

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Collect spillage.                                                                                                                                                                          |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
| Other information       | : Dispose of materials or solid residues at an authorized site.                                                                                                                              |

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional hazards when processed | : Handle empty containers with care because residual vapours are flammable. Keep away from heat, sparks and flame. No smoking.                                                                                                                                                                                                                                                                    |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment. |
| Hygiene measures                  | : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.                                                                                                                                                                               |

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

|                            |                                                                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical measures         | : Proper grounding procedures to avoid static electricity should be followed.                                                                                                                                                                                                                  |
| Storage conditions         | : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep cool. |
| Incompatible products      | : Strong bases. Strong acids.                                                                                                                                                                                                                                                                  |
| Incompatible materials     | : Sources of ignition. Direct sunlight. Heat sources.                                                                                                                                                                                                                                          |
| Storage temperature        | : 25 °C                                                                                                                                                                                                                                                                                        |
| Storage area               | : Store away from heat. Store in a well-ventilated place.                                                                                                                                                                                                                                      |
| Special rules on packaging | : Store in a closed container.                                                                                                                                                                                                                                                                 |
| Packaging materials        | : Do not store in corrodable metal.                                                                                                                                                                                                                                                            |

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**

Avoid all unnecessary exposure.

**Personal protective equipment symbol(s):**



##### 8.2.2.1. Eye and face protection

**Eye protection:**

Chemical goggles or safety glasses. Safety glasses

##### 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Wear protective gloves.

##### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Wear appropriate mask

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Do not eat, drink or smoke during use.

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 9: Physical and chemical properties

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

|                                                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| Physical state                                  | : Liquid                                     |
| Colour                                          | : light yellow. amber. Conforms to standard. |
| Odour                                           | : characteristic.                            |
| Odour threshold                                 | : Not available                              |
| Melting point                                   | : Not applicable                             |
| Freezing point                                  | : Not available                              |
| Boiling point                                   | : Not available                              |
| Flammability                                    | : Not applicable                             |
| Lower explosion limit                           | : Not available                              |
| Upper explosion limit                           | : Not available                              |
| Flash point                                     | : 78,2 °C (closed cup) ASTM D7094            |
| Auto-ignition temperature                       | : Not available                              |
| Decomposition temperature                       | : Not available                              |
| pH                                              | : Not available                              |
| Viscosity, kinematic                            | : Not available                              |
| Solubility                                      | : Not available                              |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                              |
| Vapour pressure                                 | : Not available                              |
| Vapour pressure at 50°C                         | : Not available                              |
| Density                                         | : Not available                              |
| Relative density                                | : ≈ 0,97                                     |
| Relative vapour density at 20°C                 | : Not available                              |
| Particle characteristics                        | : Not applicable                             |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

##### 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCb) (1222-05-5)

|                    |                                 |
|--------------------|---------------------------------|
| LD50 oral rat      | > 3250 mg/kg (Source: CHEMVIEW) |
| LD50 dermal rabbit | > 3250 mg/kg (Source: CHEMVIEW) |

##### Ethyl maltol (4940-11-8)

|                    |                                 |
|--------------------|---------------------------------|
| LD50 oral rat      | 1150 mg/kg (Source: NLM_CIP)    |
| LD50 oral          | 1200 mg/kg bodyweight           |
| LD50 dermal rabbit | > 5000 mg/kg (Source: ECHA_API) |

##### Vertenex (32210-23-4)

|                    |                                 |
|--------------------|---------------------------------|
| LD50 oral rat      | 5 g/kg (Source: NLM_CIP)        |
| LD50 oral          | 3370 mg/kg bodyweight           |
| LD50 dermal rabbit | > 5000 mg/kg (Source: CHEMVIEW) |

##### Linalyl acetate (115-95-7)

|                    |                                 |
|--------------------|---------------------------------|
| LD50 oral rat      | 14550 mg/kg (Source: EPA_HPVS)  |
| LD50 dermal rabbit | > 5000 mg/kg (Source: EPA_HPVS) |

##### Cedar leaf oil (8007-20-3)

|               |                             |
|---------------|-----------------------------|
| LD50 oral rat | 830 mg/kg (Source: NLM_CIP) |
| LD50 oral     | 830 mg/kg bodyweight        |
| LD50 dermal   | 4100 mg/kg bodyweight       |

##### Allyl amyl glycolate (67634-00-8)

|                                   |                                 |
|-----------------------------------|---------------------------------|
| LD50 oral                         | 500 mg/kg bodyweight            |
| LD50 dermal rat                   | > 2000 mg/kg (Source: ECHA_API) |
| LC50 Inhalation - Rat             | 0,43 mg/l/4h                    |
| LC50 Inhalation - Rat (Dust/Mist) | 0,5 mg/l/4h                     |

##### Triplal (Vertocitral) (68039-49-6)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 3900 mg/kg bodyweight |
|-----------|-----------------------|

##### reaction mass of: (1RS, 2RS,3SR, 6RS, 9SR)-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 3RS, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 4SR, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde (86803-90-9)

|               |                              |
|---------------|------------------------------|
| LD50 oral rat | 2800 mg/kg (Source: NLM_CIP) |
| LD50 oral     | 2800 mg/kg bodyweight        |

Skin corrosion/irritation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Serious eye damage/irritation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| Carcinogenicity        | : Not classified                                                   |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity  | : Not classified                                                   |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure   | : Not classified                                                   |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified                                                   |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard      | : Not classified                                                   |
| Additional information | : Based on available data, the classification criteria are not met |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

|                                                     |                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------|
| Potential adverse human health effects and symptoms | : 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. |
| Ecology - water                                           | : Toxic to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                   |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects. |

#### 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5)

|                                    |                                               |
|------------------------------------|-----------------------------------------------|
| LC50 - Fish [1]                    | 0,452 mg/l Wolf, 1996d-27682                  |
| LC50 - Other aquatic organisms [1] | > 0,14 mg/l REACH DOSSIER Pimephales promelas |
| EC50 - Crustacea [2]               | 260 µg/l REACH Dossier                        |
| EC50 - Other aquatic organisms [1] | 0,131 mg/l REACH Dossier                      |

#### Ethyl maltol (4940-11-8)

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| LC50 - Fish [1] | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA) |
|-----------------|-----------------------------------------------------------------------------|

#### Vertenex (32210-23-4)

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| LC50 - Fish [1] | 8,6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA) |
|-----------------|--------------------------------------------------------------------------------------|

#### Linalyl acetate (115-95-7)

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| LC50 - Fish [1] | 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) |
|-----------------|--------------------------------------------------------------------------------------|

### 12.2. Persistence and degradability

#### CHRISTMAS BALSAM #EU2134F

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---------------------------------------------------------|

### 12.3. Bioaccumulative potential

#### CHRISTMAS BALSAM #EU2134F

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|



# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) (1222-05-5) |                                        |
|------------------------------------------------------------------------------------------------|----------------------------------------|
| BCF - Fish [1]                                                                                 | (1618 dimensionless (whole body w.w.)) |
| Partition coefficient n-octanol/water (Log Pow)                                                | 5,3 (at 25 °C (at pH 7))               |
| Ethyl maltol (4940-11-8)                                                                       |                                        |
| Partition coefficient n-octanol/water (Log Pow)                                                | 2,9 (at 25 °C)                         |
| Vertenex (32210-23-4)                                                                          |                                        |
| Partition coefficient n-octanol/water (Log Pow)                                                | 4,8 (at 25 °C)                         |
| Linalyl acetate (115-95-7)                                                                     |                                        |
| Partition coefficient n-octanol/water (Log Pow)                                                | 3,9 (at 25 °C)                         |
| Allyl amyl glycolate (67634-00-8)                                                              |                                        |
| Partition coefficient n-octanol/water (Log Pow)                                                | 1,96 (at 25 °C (at pH 2.3))            |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Additional information                     | : Handle empty containers with care because residual vapours are flammable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ecology - waste materials                  | : Avoid release to the environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| HP Code                                    | : HP3 - "Flammable:" <ul style="list-style-type: none"><li>– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point &gt; 55 °C and ≤ 75 °C;</li><li>– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;</li><li>– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;</li><li>– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;</li><li>– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;</li><li>– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.</li></ul> |
|                                            | HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                            | HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

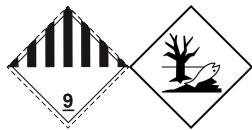
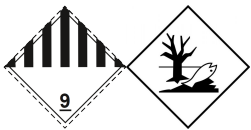
# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                                                                               | IMDG                                                                                                           | IATA                                                                                         | ADN                                                                                          | RID                                                                                          |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>14.1. UN number or ID number</b>                                                               |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| UN 3082                                                                                           | UN 3082                                                                                                        | UN 3082                                                                                      | UN 3082                                                                                      | UN 3082                                                                                      |
| <b>14.2. UN proper shipping name</b>                                                              |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN)                                   | Environmentally hazardous substance, liquid, n.o.s. (HEXAMETHYLINDANOPY RAN)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN)                 |
| <b>Transport document description</b>                                                             |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (HEXAMETHYLINDANOPY RAN), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HEXAMETHYLINDANOPY RAN), 9, III |
| <b>14.3. Transport hazard class(es)</b>                                                           |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| 9                                                                                                 | 9                                                                                                              | 9                                                                                            | 9                                                                                            | 9                                                                                            |
|                |                             |           |          |         |
| <b>14.4. Packing group</b>                                                                        |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| III                                                                                               | III                                                                                                            | III                                                                                          | III                                                                                          | III                                                                                          |
| <b>14.5. Environmental hazards</b>                                                                |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |
| Dangerous for the environment: Yes                                                                | Dangerous for the environment: Yes<br>Marine pollutant: Yes                                                    | Dangerous for the environment: Yes                                                           | Dangerous for the environment: Yes                                                           | Dangerous for the environment: Yes                                                           |
| No supplementary information available                                                            |                                                                                                                |                                                                                              |                                                                                              |                                                                                              |

### 14.6. Special precautions for user

#### Overland transport

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Classification code (ADR)                                 | : M6                      |
| Special provisions (ADR)                                  | : 274, 335, 375, 601      |
| Limited quantities (ADR)                                  | : 5I                      |
| Excepted quantities (ADR)                                 | : E1                      |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001 |
| Special packing provisions (ADR)                          | : PP1                     |
| Mixed packing provisions (ADR)                            | : MP19                    |
| Portable tank and bulk container instructions (ADR)       | : T4                      |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29               |
| Tank code (ADR)                                           | : LGBV                    |
| Vehicle for tank carriage                                 | : AT                      |
| Transport category (ADR)                                  | : 3                       |
| Special provisions for carriage - Packages (ADR)          | : V12                     |

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -  
EAC code : •3Z

### Transport by sea

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                                                                                                                                                                                                                                                                                                                                                                    | Entry title or description                                                                                                                                                                                                                                                                                        |
| 3(a)                                   | Cedar leaf oil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| 3(b)                                   | CHRISTMAS BALSAM #EU2134F ; Vertenex ; Linalyl acetate ; Cedar leaf oil ; Allyl amyl glycolate ; Triplal (Vertocitral) ; reaction mass of: (1RS, 2RS,3SR, 6RS, 9SR)-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 3RS, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 4SR, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde                                                         | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c)                                   | CHRISTMAS BALSAM #EU2134F ; 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB) ; Cedar leaf oil ; Allyl amyl glycolate ; Triplal (Vertocitral) ; reaction mass of: (1RS, 2RS,3SR, 6RS, 9SR)-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 3RS, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde; (1RS, 2RS, 4SR, 6RS, 8SR)-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1                                                                                                                                         |

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| EU restriction list (REACH Annex XVII) |                |                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on  | Entry title or description                                                                                                                                                                                                                                                                                                                                                                         |
| 40.                                    | Cedar leaf oil | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

#### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment  
SZW-lijst van kankerverwekkende stoffen : Allyl amyl glycolate, Triplal (Vertocitral) are listed  
SZW-lijst van mutagene stoffen : Allyl amyl glycolate, Triplal (Vertocitral) are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Class for fire hazard : Class III-1  
Store unit : 50 liter  
Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed  
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

#### Switzerland

Storage class (LK) : LK 10/12 - Liquids

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# CHRISTMAS BALSAM #EU2134F

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 16: Other information

Data sources : 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.

Other information : None.

#### Full text of H- and EUH-statements:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2                               |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1           | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| 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 |
| Asp. Tox. 1               | Aspiration hazard, Category 1                                     |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3              | Flammable liquids, Category 3                                     |
| H226                      | Flammable liquid and vapour.                                      |
| 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.                                    |
| H330                      | Fatal if inhaled.                                                 |
| 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.                |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1              | Skin sensitisation, Category 1                                    |
| Skin Sens. 1B             | Skin sensitisation, category 1B                                   |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.