

Trade name: airFRESH YELLOW

Substance number: SUB302020780000

Version: 5 / EU

Date revised: 25.10.2016

the date of issue: 16.03.07

Replaces Version: 4 / EU

Print date: 03.04.17

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

### **1.1. Product identifier**

*airFRESH YELLOW*

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

#### **Use of the substance/preparation**

fragrance composition, For industrial application only.

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

#### **Address/Manufacturer**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
A-5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-Mail regulatoryaffairs@hagleitner.at  
Information provided by / telephone Regulatory Affairs  
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

#### **Address/Supplier**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
AT5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-mail address of person responsible for this SDS regulatoryaffairs@hagleitner.at

### **1.4. Emergency telephone number**

Anti Poison Center Vienna: +43 (0)1 406 43430

## **SECTION 2: Hazards identification \*\*\***

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

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
Eye Dam. 1	H318
STOT SE 3	H336
Aquatic Chronic 3	H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

**Hazard pictograms \*\*\***

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**Signal word \*\*\***

Danger

**Hazard statements \*\*\***

H226 Flammable liquid and vapour.  
 H318 Causes serious eye damage.  
 H336 May cause drowsiness or dizziness.  
 H412 Harmful to aquatic life with long lasting effects.  
 EUH208 Contains Acetyl cedrene, Dipentene, May produce an allergic reaction.

**Precautionary statements \*\*\***

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER or doctor.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Propan-1-ol

Always read the product information and label before use.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008) \*\*\*****Propan-1-ol**

CAS No. 71-23-8  
 EINECS no. 200-746-9  
 Registration no. 01-2119486761-29-XXXX  
 Concentration >= 25 < 50 %

Classification (Regulation (EC) No. 1272/2008)

Eye Dam. 1 H318  
 STOT SE 3 H336  
 Flam. Liq. 2 H225

**2,6-Dimethyloct-7-en-2-ol**

CAS No. 18479-58-8  
 EINECS no. 242-362-4  
 Concentration >= 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

**Acetyl cedrene**

CAS No. 32388-55-9

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EINECS no.	251-020-3				
Concentration	>=	0,25	<	1	%

Classification (Regulation (EC) No. 1272/2008)

Skin Sens. 1	H317
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

**Dipentene**

CAS No.	138-86-3				
EINECS no.	205-341-0				
Concentration	>=	0,25	<	1	%

Classification (Regulation (EC) No. 1272/2008)

Aquatic Chronic 1	H410
Aquatic Acute 1	H400
Flam. Liq. 3	H226
Skin Irrit. 2	H315
Skin Sens. 1	H317

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, soaked clothing immediately and dispose of safely. In case of accident or if you feel unwell, seek medical advice immediately.

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

After contact with skin, wash immediately with plenty of water.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

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

The following symptoms may occur: Dizziness, Tiredness, Intoxication

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Treat symptomatically

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water mist, Alcohol-resistant foam, ABC powder, Dry chemical extinguisher

**Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible.

## 5.3. Advice for firefighters

### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus. Wear protective clothing.

### Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

Use personal protective clothing. Ensure adequate ventilation. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/aerosol.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

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

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. Information regarding waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep container tightly closed. Use only in well-ventilated areas. Handle and open container with care.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air.

#### Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires                      B (Combustible liquid substances)

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

#### Recommended storage temperature

Value     $\geq$       5                       $\leq$       25                      °C

#### Storage stability

Storage life: 3 years

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated.

#### Hints on storage assembly

Do not store together with: Oxidising agents

#### Further information on storage conditions

Keep at temperature not exceeding 30 °C.

### 7.3. Specific end use(s)

For industrial application only.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Other information**

Maintain air concentrations below occupational exposure standards.

### **8.2. Exposure controls**

#### **Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

#### **General protective and hygiene measures**

Do not inhale gases/vapours/aerosols. Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time. Take off immediately all contaminated clothing.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment.

#### **Hand protection**

In case of intensive contact wear protective gloves.

Appropriate Material	nitrile		
Material thickness	0,4	mm	
Breakthrough time	>= 480	min	

z.B.: BRILLANT nitrilX-TREME, Art.-Nr. 4451001000 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

Appropriate Material	neoprene		
Material thickness	0,35	mm	
Breakthrough time	>= 240	min	
Appropriate Material	viton		
Material thickness	0,5	mm	
Breakthrough time	>= 480	min	

Not suitable: rubber gloves

Not suitable: PVC gloves

#### **Eye protection**

Tightly fitting safety glasses

#### **Body protection**

Clothing as usual in the chemical industry.

## **SECTION 9: Physical and chemical properties**

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

<b>Form</b>	liquid
<b>Colour</b>	yellow
<b>Odour</b>	Product specific
<b>pH value</b>	
Value	appr. 6,0 to 8,0
Concentration/H <sub>2</sub> O	100 %
Temperature	20 °C
Remarks	neutral

#### **Sublimation point**

Remarks not determined

#### **Initial boiling point and boiling range**

Value appr. 90 °C

#### **Flash point**

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Value	25	°C
Method	closed cup	

**Evaporation rate**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**

Value	appr. 0,925	g/cm <sup>3</sup>
Temperature	20	°C

**Solubility in water**

Remarks Completely miscible

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**Ignition temperature**

Remarks not determined

**Auto-ignition temperature**

Remarks not determined

**Combustion factor**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**Viscosity**

Remarks not determined

**9.2. Other information****Bulk density**

Remarks not determined

**Packed bulk density**

Remarks not determined

**Solvent separation test**

Value	0,0	%
Method	ADR/RID	

**Solids content**

Remarks not determined

**Saturation Concentration**

Remarks not determined

**Critical point**

Remarks not determined

**Dissociation constant**

Remarks not determined

**Surface tension**

Remarks not determined

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**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

Oxidising agents

**10.4. Conditions to avoid**

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. If product is heated above decomposition temperature toxic vapours may be released.

**Decomposition temperature**

Remarks not determined

**10.5. Incompatible materials**

Reactions with strong oxidising agents.

**10.6. Hazardous decomposition products**

Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Propan-1-ol**

Species	rat		
LD50		6500	mg/kg

**Skin corrosion/irritation**

Remarks Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

**Serious eye damage/irritation**

Remarks Eye contact with the product may lead to irritation.

**Sensitization**

evaluation non-sensitizing

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks not determined

**Reproductive toxicity**

Remarks not determined

**Carcinogenicity**

Remarks not determined

**Specific Target Organ Toxicity (STOT)**

Remarks not determined

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**Experience in practice**

Has a degreasing effect on the skin. When inhaled in larger quantities, the solvent vapours cause a narcotic effect.

**Other information**

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

The values mentioned are those of the active ingredient.

**Fish toxicity (Components)****Propan-1-ol**

Species	golden orfe ( <i>Leuciscus idus</i> )		
LC50	8970	to	9280 mg/l
Duration of exposure	48	h	
Source	IUCLID		

**Daphnia toxicity (Components)****Propan-1-ol**

Species	Daphnia magna		
EC0	> 10000		mg/l
Duration of exposure	24	h	
Source	IUCLID		

**Algae toxicity (Components)****Propan-1-ol**

Species	Scenedesmus quadricauda		
LOEC	1800		mg/l
Duration of exposure	7	d	
Source	IUCLID		

**Bacteria toxicity (Components)****Propan-1-ol**

Species	Pseudomonas putida		
LOEC	1050		mg/l
Duration of exposure	16	h	
Source	IUCLID		

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability**

evaluation readily degradable

**12.3. Bioaccumulative potential****General information**

No data available

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**



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No data available

**12.5. Results of PBT and vPvB assessment****General information**

No data available

**12.6. Other adverse effects****General information**

May cause long lasting harmful effects to aquatic life.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 20 01 13\* solvents

Dispose of as hazardous waste.

**Disposal recommendations for packaging**

EWC waste code 15 01 02 plastic packaging

Uncontaminated packaging may be taken for recycling.

**SECTION 14: Transport information****Land transport ADR/RID****14.1. UN number**

UN 1987

**14.2. UN proper shipping name**

ALCOHOLS, N.O.S. (Propan-1-ol)

**14.3. Transport hazard class(es)**

Class 3

Label 3

**14.4. Packing group**

Packing group III

Limited Quantity 5 I

Transport category 3

**14.5. Environmental hazards**

-

Tunnel restriction code D/E

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 1987

**14.2. UN proper shipping name**

ALCOHOLS, N.O.S. (Propan-1-ol)

**14.3. Transport hazard class(es)**

Class 3

**14.4. Packing group**

Packing group III

**14.5. Environmental hazards**

-

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## Air transport ICAO/IATA

### 14.1. UN number

UN 1987

### 14.2. UN proper shipping name

ALCOHOLS, N.O.S. (Propan-1-ol)

### 14.3. Transport hazard class(es)

Class 3

### 14.4. Packing group

Packing group III

### 14.5. Environmental hazards

-

## Information for all modes of transport

### 14.6. Special precautions for user

The relevant transport regulations have to be considered.

## Other information

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## SECTION 15: Regulatory information \*\*\*

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

#### Further ingredients

alpha-iso-Methylionone, Linalool, Dipentene, Citral

#### VOC \*\*\*

VOC (CH) = 40 %

VOC (EU) = 40 %

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (\*) in the left-hand margin.

### Hazard statements listed in Chapter 3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Flam. Liq. 3	Flammable liquid, Category 3

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Skin Irrit. 2

Skin irritation, Category 2

Skin Sens. 1

Skin sensitization, Category 1

STOT SE 3

Specific target organ toxicity - single exposure, Category 3

**Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

IMDG: International Maritime Code for Dangerous Goods

IATA: International Civil Aviation Organization

CAS: Chemical Abstracts Service

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Compound

INCI: International Nomenclature of Cosmetic Ingredients

MAK: Maximale Arbeitsplatz-Konzentration

NOEL: No observable effect level

NOEC: No observable effect concentration

LD: Lethal dose

LC: Lethal concentration

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

CEFIC: European Chemical Industry Council

DMEL: Derived minimal effect level

DNEL: Derived no effect level

RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses

IMO: International Maritime Organization

EU: European Union

EC: European Community

GHS: Globally Harmonized System of classification and Labelling of Chemicals

UN: United Nations

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

