

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 5/12/2014 Revision date: 1/9/2024 Supersedes version of: 5/22/2023 Version: 7.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : PAN AROMA PLUG IN AIR FRESHENER ORCHARD BLOSSOM

Product code : PAN0201
Type of product : Air freshener
Product group : End product

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

#### 1.2.1. Relevant identified uses

Intended for general public

Main use category : Consumer use
Use of the substance/mixture : Air freshener
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 Distributor

151 Products Limited 151 Products (Ireland)
The Old School House Block 3, Harcourt Centre

39 Bengal Street Harcourt Road
UK M4 6AF Manchester IE D02 A339 Dublin 2

United Kingdom Ireland

T +44(0)161 839 5949, F +44(0)161 839 5993 T +353 (0) 1 5133633

<u>Technical@151products.com</u> <u>Technical@151products.com</u>

# 1.4. Emergency telephone number

Emergency number : +44(0)161 839 5949

During Office Hours (09:00 - 17:00). For outside office hours contact

Technical@151products.com

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

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

Hazardous to the aquatic environment – Chronic Hazard, H4

Category 3

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

# Safety Data Sheet

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

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

Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Signal word (CLP) : -

Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions. P264 - Wash hands thoroughly after handling.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P101 - If medical advice is needed, have product container or label at hand.

P273 - Avoid release to the environment.

P501 - Dispose of contents and container to local authority guidelines.

EUH-statements : EUH208 - Contains HEXYL CINNAMAL(101-86-0), 7-HYDROXYCITRONELLAL(107-75-5),

EUGENOL(97-53-0), 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE(68039-49-6), CYCLAMEN ALDEHYDE(103-95-7), ALPHA-ISOMETHYL IONONE(127-51-5), CITRONELLOL(106-22-9), GERANIOL(106-24-1), LINALOOL(78-70-6), METHYL

DIHYDROXY-DIMETHYLBENZOATE(4707-47-5), 3-(P-CUMENYL)-2-METHYLPROPIONALDEHYDE(6658-48-6). May produce an allergic reaction.

# 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 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]
2-PHENYLETHANOL	CAS-No.: 60-12-8 EC-No.: 200-456-2	1.7 – 3.4	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
2-T-BUTYLCYCLOHEXYL ACETATE	CAS-No.: 88-41-5 EC-No.: 201-828-7	1.7 – 3.4	Aquatic Chronic 2, H411
1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8- HEXAMETHYLINDENO[5,6-C]PYRAN	CAS-No.: 1222-05-5 EC-No.: 214-946-9 EC Index-No.: 603-212-00-7	1 – 5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
HEXYL CINNAMAL	CAS-No.: 101-86-0 EC-No.: 202-983-3	< 1	Skin Sens. 1, H317 Aquatic Chronic 2, H411
CITRONELLOL	CAS-No.: 106-22-9 EC-No.: 203-375-0	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
ALPHA-ISOMETHYL IONONE	CAS-No.: 127-51-5 EC-No.: 204-846-3	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

# 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]
LINALOOL	CAS-No.: 78-70-6 EC-No.: 201-134-4	<1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412
GERANIOL	CAS-No.: 106-24-1 EC-No.: 203-377-1	<1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
CYCLAMEN ALDEHYDE	CAS-No.: 103-95-7 EC-No.: 203-161-7	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
DIPHENYL ETHER	CAS-No.: 101-84-8 EC-No.: 202-981-2	0.017 – 0.17	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	CAS-No.: 68039-49-6 EC-No.: 268-264-1	0.017 – 0.17	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
METHYL DIHYDROXY-DIMETHYLBENZOATE	CAS-No.: 4707-47-5 EC-No.: 225-193-0	0.017 – 0.17	Skin Sens. 1B, H317
3-(P-CUMENYL)-2-METHYLPROPIONALDEHYDE	CAS-No.: 6658-48-6 EC-No.: 229-695-0	0.017 – 0.17	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
EUGENOL	CAS-No.: 97-53-0 EC-No.: 202-589-1	< 1	Eye Irrit. 2, H319 Skin Sens. 1B, H317
7-HYDROXYCITRONELLAL	CAS-No.: 107-75-5 EC-No.: 203-518-7	< 1	Eye Irrit. 2, H319 Skin Sens. 1, H317

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 : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : 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 : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions. Symptoms/effects after ingestion : None under normal conditions.

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

Treat symptomatically.

# Safety Data Sheet

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

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : 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 : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

# **SECTION 6: Accidental release measures**

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

# 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to

prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : 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 : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

1/9/2024 (Revision date) EN (English) 4/13

# Safety Data Sheet

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

#### **Switzerland**

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

# 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:

Wear recommended personal protective equipment.

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







#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

# Skin and body protection:

Wear suitable protective clothing

# Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

# Safety Data Sheet

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

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid release to the environment.

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

# 9.1. Information on basic physical and chemical properties

: Liquid Physical state Colour Colourless. Odour Pleasant. : Not available Odour threshold : Not applicable Melting point Freezing point Not available Boiling point : Not available Flammability : Non flammable. Lower explosion limit Not available Upper explosion limit : Not available : 60 - 93 °C Flash point Auto-ignition temperature Not available Decomposition temperature : Not available рΗ : 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 : Not available 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

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

# Safety Data Sheet

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

# 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **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

LD50 oral rat	1609 mg/kg
LD50 dermal rabbit	2535 mg/kg
CITRONELLOL (106-22-9)	

#### CITRONELLOL (106-22-9)

2-PHENYLETHANOL (60-12-8)

LD50 oral rat	3450 mg/kg
LD50 dermal rabbit	2650 mg/kg

# **GERANIOL (106-24-1)**

LD50 oral rat	3600 mg/kg
LD50 dermal rat	> 5000 mg/kg

# LINALOOL (78-70-6)

LD50 oral rat	2790 mg/kg
LD50 oral	2200 mg/kg
LD50 dermal	5610 mg/kg

# 3-(P-CUMENYL)-2-METHYLPROPIONALDEHYDE (6658-48-6)

LD50 oral rat	> 5000 mg/kg
LD50 dermal	> 5000 mg/kg

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitisation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified

# 11.2. Information on other hazards

No additional information available

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

1/9/2024 (Revision date) EN (English) 7/13

# Safety Data Sheet

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

2-PHENYLETHANOL (60-12-8)		
EC50 - Other aquatic organisms [1]	287 mg/l	
CITRONELLOL (106-22-9)		
LC50 - Fish [1]	14.6 mg/l	
EC50 - Other aquatic organisms [1]	17.5 mg/l	
GERANIOL (106-24-1)		
LC50 - Fish [1]	22 mg/l	
EC50 - Other aquatic organisms [1]	10.8 mg/l	
LINALOOL (78-70-6)		
LC50 - Fish [1]	27.8 mg/l	
EC50 - Other aquatic organisms [1]	59 mg/l	
3-(P-CUMENYL)-2-METHYLPROPIONALDEHY	DE (6658-48-6)	
LC50 - Fish [1]	11.3 mg/l	
EC50 - Other aquatic organisms [1]	4.71 mg/l	
12.2. Persistence and degradability		
PAN AROMA PLUG IN AIR FRESHENER ORCI	HARD BLOSSOM	
Persistence and degradability	Not rapidly degradable	
2-PHENYLETHANOL (60-12-8)		
Persistence and degradability	Not rapidly degradable	
2-T-BUTYLCYCLOHEXYL ACETATE (88-41-5)		
Persistence and degradability	Not rapidly degradable	
1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN (1222-05-5)		
Persistence and degradability	Not rapidly degradable	
HEXYL CINNAMAL (101-86-0)		
Persistence and degradability	Not rapidly degradable	
7-HYDROXYCITRONELLAL (107-75-5)		
Persistence and degradability	Not rapidly degradable	
DIPHENYL ETHER (101-84-8)		
Persistence and degradability	Not rapidly degradable	
EUGENOL (97-53-0)		
Persistence and degradability	Not rapidly degradable	
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXAL	DEHYDE (68039-49-6)	
Persistence and degradability	Not rapidly degradable	
CYCLAMEN ALDEHYDE (103-95-7)		
Persistence and degradability	Not rapidly degradable	
ALPHA-ISOMETHYL IONONE (127-51-5)		
Persistence and degradability	Not rapidly degradable	

1/9/2024 (Revision date) EN (English) 8/13

# Safety Data Sheet

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

CITRONELLOL (106-22-9)		
Persistence and degradability	Not rapidly degradable	
GERANIOL (106-24-1)		
Persistence and degradability	Not rapidly degradable	
LINALOOL (78-70-6)		
Persistence and degradability	Not rapidly degradable	
METHYL DIHYDROXY-DIMETHYLBENZOATE (4707-47-5)		
Persistence and degradability	Not rapidly degradable	
3-(P-CUMENYL)-2-METHYLPROPIONALDEHYDE (6658-48-6)		
Persistence and degradability	Not rapidly degradable	

#### 12.3. Bioaccumulative potential

No additional information available

# 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

# 12.6. Endocrine disrupting properties

No additional information available

# 12.7. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

# **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID		
14.1. UN number or ID number						
Not regulated for transport	Not regulated for transport					
14.2. UN proper shipping name						
Not regulated	Not regulated Not regulated Not regulated Not regulated Not regulated					
14.3. Transport hazard class(es)						
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated		

# Safety Data Sheet

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

ADR	IMDG	IATA	ADN	RID	
14.4. Packing group					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.5. Environmental hazards					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
No supplementary information available					

#### 14.6. Special precautions for user

#### **Overland transport**

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

#### 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)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **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)

#### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

# **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)

# Safety Data Sheet

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

#### **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

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG)

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** 

SZW-lijst van kankerverwekkende stoffen : 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE is listed

SZW-lijst van mutagene stoffen 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – : None of the components are listed Vruchtbaarheid

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

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	

# Safety Data Sheet

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

Abbreviations and acronyms:		
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:				
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			
EUH208	Contains HEXYL CINNAMAL(101-86-0), 7-HYDROXYCITRONELLAL(107-75-5), EUGENOL(97-53-0), 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE(68039-49-6), CYCLAMEN ALDEHYDE(103-95-7), ALPHA-ISOMETHYL IONONE(127-51-5), CITRONELLOL(106-22-9), GERANIOL(106-24-1), LINALOOL(78-70-6), METHYL DIHYDROXY-DIMETHYLBENZOATE(4707-47-5), 3-(P-CUMENYL)-2-METHYLPROPIONALDEHYDE(6658-48-6). May produce an allergic reaction.			
Eye Dam. 1	Serious eye damage/eye irritation, Category 1			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
H302	Harmful if swallowed.			
H315	Causes skin irritation.			
H317	May cause an allergic skin reaction.			
H318	Causes serious eye damage.			
H319	Causes serious eye irritation.			
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.			

# Safety Data Sheet

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

Full text of H- and EUH-statements:		
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
Skin Sens. 1B	Skin sensitisation, category 1B	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:				
Aquatic Chronic 3	H412	Calculation method		

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.