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SAFETY DATA SHEET

Issuing Date 13-MAR-2023

Revision Date 13-MAR-2023

Version. 4.0

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Elate Oxygen-Pro Grande Cartridge;

UFI: RRM4-YD6P-SH06-GX8J

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

Recommended Use Air freshener

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Importer

Fragrance Delivery Technologies, LTD
P.O.Box 262800
Dubai
United Arab Emirates
TEL: +9714 887 0577
email: info@oxygenpowered.com

UK Address

Fragrance Delivery Technologies, LTD
Unit 4 Enterprise Court, Station Road
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EU Address

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email: info@oxygenpowered.com

For further information, please contact

E-mail Address communications@oxygenpowered.com

1.4. Emergency telephone number

Emergency Telephone Number 1-800-424-9300 USA
703-527-3887 Outside USA

Europe	112
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Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2


H319: Causes serious eye irritation.

Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:		
Signal word	:	Warning	
Hazard statements	:	H317 H319	May cause an allergic skin reaction. Causes serious eye irritation.
Precautionary statements	:	Prevention: P261 P280 Response: P333 + P313 P337 + P313 P362 + P364 Disposal: P501	Avoid breathing mist or vapours. Wear protective gloves/ eye protection/ face protection. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- linalool 78-70-6
- 3,7-dimethyl-6-octen-1-ol (= citronellol) 106-22-9
- 3,7-dimethyl-2,6-octadienyl acetate (= geranyl acetate) 105-87-3
- 2,4-dimethylcyclohex-3-ene-1-carbaldehyde 68039-49-6
- 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone 33704-61-9
- (1-methyl-2-(5-methylhex-4-en-2-yl)cyclopropyl)methanol 1655500-83-6
- 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one 57378-68-4
- 2,6-dimethyl-5-heptenal 106-72-9
- ethyl 2,3-epoxy-3-phenylbutyrate 77-83-8
- trans-2-hexenal 6728-26-3
- 1-(2,6,6-Trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one 23696-85-7
- methyl 2-nonynoate 111-80-8

2.3 Other hazards

Hazards not Otherwise Classified : None

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [Percent by weight]
2,6-dimethyl-7-octen-2-ol	18479-58-8 242-362-4 01-2119457274-37	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Acute toxicity estimate Acute oral toxicity: 3 600,00 mg/kg	>= 1 - < 5
linalool	78-70-6 201-134-4 01-2119474016-42	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Acute toxicity estimate Acute oral toxicity: 2 790,00 mg/kg	>= 1 - < 5
Benzyl acetate	140-11-4 205-399-7 01-2119638272-42	Aquatic Chronic 3; H412	>= 2,5 - < 5

		Acute toxicity estimate Acute oral toxicity: 2 490,00 mg/kg	
3,7-dimethyl-6-octen-1-ol (= citronellol)	106-22-9 203-375-0 01-2119453995-23	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 <hr/> Acute toxicity estimate Acute oral toxicity: 3 450,00 mg/kg Acute dermal toxicity: 2 650,00 mg/kg	>= 1 - < 5
2-phenylethanol	60-12-8 200-456-2 01-2119963921-31	Acute Tox. 4; H302 Eye Irrit. 2; H319 <hr/> Acute toxicity estimate Acute oral toxicity: 1 790,00 mg/kg	>= 1 - < 5
3,7-dimethyl-2,6-octadienyl acetate (= geranyl acetate)	105-87-3 906-083-8 01-2119973483-29	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 3; H412 <hr/> Acute toxicity estimate Acute oral toxicity: 6 330,00 mg/kg	>= 0,25 - < 1
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6 943-728-2 01-2119982384-28	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411 <hr/> Acute toxicity estimate Acute oral toxicity: > 3 100,00 mg/kg Acute dermal toxicity: 5 000,00	>= 0,25 - < 1

		mg/kg	
4-Methyl-3-decen-5-ol	81782-77-6 701-429-2 01-2119983528-21	Aquatic Acute 1; H400 Aquatic Chronic 2; H411 M-Factor (Acute aquatic toxicity): 1 Acute toxicity estimate Acute oral toxicity: > 8 000,00 mg/kg	>= 0,25 - < 1
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	33704-61-9 251-649-3 01-2119977131-40	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 2; H411 Acute toxicity estimate Acute oral toxicity: 2 900,00 mg/kg	>= 0,1 - < 0,25
(1-methyl-2-(5-methylhex-4-en-2-yl)cyclopropyl)methanol	1655500-83-6 942-597-9 01-2120094067-52	Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Aquatic Chronic 2; H411 Acute toxicity estimate Acute oral toxicity: > 2 000 mg/kg Acute dermal toxicity: > 1 000 mg/kg	>= 0,1 - < 0,25
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	57378-68-4 71048-82-3 260-709-8 275-156-8 01-2119535122-53	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1;	>= 0,1 - < 0,25

		<p>H410</p> <hr/> <p>M-Factor (Acute aquatic toxicity): 1 M-Factor (Chronic aquatic toxicity): 1</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity: 1 400 mg/kg</p>	
2,6-dimethyl-5-heptenal	106-72-9 203-427-2 01-2120270305-62	<p>Skin Sens. 1B; H317</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity: > 5 000,00 mg/kg Acute dermal toxicity: > 5 000,00 mg/kg</p>	>= 0,1 - < 1
ethyl 2,3-epoxy-3-phenylbutyrate	77-83-8 201-061-8 01-2119967770-28	<p>Skin Sens. 1B; H317 Aquatic Chronic 2; H411</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity: > 5 000,00 mg/kg Acute dermal toxicity: > 5 000,00 mg/kg</p>	>= 0,1 - < 0,25
trans-2-hexenal	6728-26-3 229-778-1 01-2120770494-48	<p>Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H311 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1B; H317</p> <hr/> <p>Acute toxicity estimate</p> <p>Acute oral toxicity:</p>	>= 0,1 - < 1

		850 mg/kg Acute dermal toxicity: 600,00 mg/kg	
1-(2,6,6-Trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one	23696-85-7 23726-93-4 245-833-2 245-844-2 01-2120105798-49	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 2; H411 Acute toxicity estimate Acute oral toxicity: 2 900,00 mg/kg	>= 0,025 - < 0,1
methyl 2-nonynoate	111-80-8 203-909-2 01-2120139912-55	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 3; H412 M-Factor (Acute aquatic toxicity): 1 Acute toxicity estimate Acute oral toxicity: 1 180 mg/kg	>= 0,025 - < 0,1

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4. First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.

- In case of eye contact : Remove contact lenses.
Immediately flush eyes for at least 15 minutes. Get medical attention.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : no data available
Risks : no data available

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : no data available

SECTION 5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Dry chemical
Alcohol-resistant foam
Carbon dioxide (CO₂)
Water spray

- Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : no data available

5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : no data available

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Not applicable

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.
Temperature class : no data available
Fire-fighting class : no data available
Dust explosion class : no data available

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Ambient / 10-30°C (50-85°F)
Dry, well ventilated, preferably full, hermetically sealed
Advice on common storage : Protect against light.
Storage class (TRGS 510) : 10 Combustible liquids
Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : no data available

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required.

PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

8.2.1 Engineering measures

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

8.2.2 Personal protective equipment

- Eye/face protection : Use safety goggles and faceshield tested according to EN 166/ ANSI Z87.1 or equivalent local standard.
- Hand protection : Use gloves when handling substance in open systems. Inspect gloves prior to use. Train operators for proper use. If only incidental exposure is expected: (work without direct contact to substance) use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard breakthrough times at least 10 minutes, tested for chemicals indicated in chapter 3 of this SDS. Change gloves frequently. If direct skin contact is expected: use gloves tested according to EN 16523-1/ASTM F739 or equivalent local standard, tested for chemicals indicated in chapter 3 of this SDS. Permeation time must exceed contact time.

- Other skin protection : Wear working clothes covering arms and legs.
The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.
- Respiratory protection : Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, or where indicated by the exposure assessment. Selection of air-purifying or positive-pressure supplied-air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the potential airborne concentrations. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
- In case a risk analysis proved the cartridge respirator as acceptable, use type:
ABEK-P3 (EN 14387) OR Combination Multi-gas/P100 (42CFR84.193; ANSI Z88.7 or equivalent local standard) as a backup to engineering controls.
- In absence of engineering controls, use self-contained breathing apparatus or full face supplied air respirators. Use respirators and components tested and approved under appropriate government standards such as CEN (EU) or NIOSH 42 CFR 84(US).
- Thermal hazards : Wear appropriate thermal protective clothing, when necessary.
- Hygiene measures : Remove contaminated clothing and protective equipment before entering eating areas.
Do not eat, drink or smoke during work.
Wash hands any time after handling the product.

8.2.3 Environmental exposure controls

- General advice : Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid
Form	: liquid
Colour	: colorless to Very slightly yellow
Taste	: not determined
Odour	: Floral, fruity, Musky
Odour Threshold	: Not applicable
Flash point	: 68 °C Method: Grabner miniflash closed cup
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: Not applicable
Oxidizing properties	: no data available
Auto-ignition temperature	: not determined
Decomposition temperature	: no data available
pH	: not determined
Vapour pressure	: 0,7594 hPa at 20 °C Calculated (99,7 %)
Density	: 987,21 kg/m ³ at 20 °C
Bulk density	: Not applicable
Water solubility	: not determined
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available
Explosive properties	: no data available

9.2 Other information

Not applicable

SECTION 10. Stability and reactivity

10.1 Reactivity

none

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : no data available

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

Hazardous decomposition products : no data available
 Thermal decomposition : no data available

SECTION 11. Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Acute oral toxicity : Acute toxicity estimate
 Dose: > 2 000 mg/kg
 Method: Calculation method

Acute oral toxicity

2,6-dimethyl-7-octen-2-ol	: LD50: 3 600 mg/kg	Species: Rat
linalool	: LD50: 2 790 mg/kg	Species: Rat
Benzyl acetate	: LD50: 2 490 mg/kg	Species: Rat
3,7-dimethyl-6-octen-1-ol (= citronellol)	: LD50: 3 450 mg/kg	Species: Rat
2-phenylethanol	: LD50: 1 790 mg/kg	Species: Rat
3,7-dimethyl-2,6-octadienyl acetate (= geranyl acetate)	: LD50: 6 330 mg/kg	Species: Rat
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	: LD50: > 3 100 mg/kg	Species: Rat
4-Methyl-3-decen-5-ol	: LD50: > 8 000 mg/kg	Species: Rat
6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	: LD50: 2 900 mg/kg	Species: Rat
(1-methyl-2-(5-methylhex-4-en-2-yl)cyclopropyl)methanol	: LD50: > 2 000 mg/kg	Species: Rat

1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	: LD50: 1 400 mg/kg	Species: Rat
2,6-dimethyl-5-heptenal	: LD50: > 5 000 mg/kg	Species: Rat
ethyl 2,3-epoxy-3-phenylbutyrate	: LD50: > 5 000 mg/kg	Species: Rat
trans-2-hexenal	: LD50: 850 mg/kg	Species: Rat
1-(2,6,6-Trimethylcyclohexa-1,3-dien-1-yl)but-2-en-1-one	: LD50: 2 900 mg/kg	Species: Rat
methyl 2-nonynoate	: LD50: 1 180 mg/kg	Species: Rat
Acute inhalation toxicity	: No data is available on the product itself.	
Acute dermal toxicity	: Acute toxicity estimate Dose: > 2 000 mg/kg Method: Calculation method	
Acute dermal toxicity 3,7-dimethyl-6-octen-1-ol (= citronellol)	: LD50: 2 650 mg/kg	Species: Rabbit
2,4-dimethylcyclohex-3-ene-1-carbaldehyde	: LD50: 5 000 mg/kg	Species: Rabbit
(1-methyl-2-(5-methylhex-4-en-2-yl)cyclopropyl)methanol	: LD50: > 1 000 mg/kg	Species: Rat
2,6-dimethyl-5-heptenal	: LD50: > 5 000 mg/kg	Species: Rabbit
ethyl 2,3-epoxy-3-phenylbutyrate	: LD50: > 5 000 mg/kg	Species: Rabbit
trans-2-hexenal	: LD50: 600 mg/kg	Species: Rabbit
Acute toxicity (other routes of administration)	: No data is available on the product itself.	
Skin corrosion/irritation Skin irritation	: May cause skin irritation and/or dermatitis.	

Serious eye damage/eye irritation

Eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation

Sensitisation : No data is available on the product itself.

Germ cell mutagenicity

Germ cell mutagenicity : No data is available on the product itself.

Carcinogenicity

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity

: No data is available on the product itself.

Target Organ Systemic Toxicant - Single exposure

Target Organ Systemic Toxicant - Single exposure : No data is available on the product itself.

Target Organ Systemic Toxicant - Repeated exposure

Target Organ Systemic Toxicant - Repeated exposure : No data is available on the product itself.

Aspiration hazard

Aspiration toxicity : No data is available on the product itself.

Phototoxicity

Phototoxicity : No data is available on the product itself.

Further information

: no data available

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components

considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : no data available

SECTION 12. Ecological information

12.1 Toxicity

Components:

4-methyl-3-decen-5-ol:

M-Factor (Acute aquatic toxicity) : 1

1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one:

Toxicity to fish : LC50 (Oryzias latipes (Orange-red killifish)): 0,977 mg/l
Exposure time: 96 h

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 1

methyl non-2-ynoate:

M-Factor (Acute aquatic toxicity) : 1

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information : no data available

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

Dispose of in accordance with local regulations.

SECTION 14. Transport information

14.1 UN number

N/A

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

N/A

14.6 Special precautions for user**IMDG**

IMDG Code Segregation : None
Group

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

Not applicable for product as supplied.

SECTION 15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Neither banned nor restricted

Major Accident Hazard Legislation : Not applicable

Water hazard class (Germany) : WGK 2 obviously hazardous to water
Classification according to AwSV, Annex 1 (5.2)

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

SECTION 16. Other information**Full text of H-Statements**

H226 : Flammable liquid and vapour.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
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.

Key or legend to abbreviations and acronyms used in the safety data sheet

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Fragrance Delivery Technologies Ltd..