

SAFETY DATA SHEET

According to Regulation ST/SG/AC. 10/30/UN GHS, Latest revision

Version number: 88831203
Revision: 17.10.2025
Printing date: 22.10.2025

101 Identification of the substance/mixture and of the company/undertaking

1. Product identifier
 - Trade name:
Festive Wave - BA Select
2. Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the preparation
Aromatic ingredient(s). Industrial use only.
 - Uses advised against
not applicable

02 Hazards identification

1. Classification of the substance or mixture

< f> GHS07

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Skin Irrit. 2 - H315 Causes skin irritation.

Serious eye damage/irritation - Category 2A - H319 Causes serious eye irritation. Skin Sens. 1 - H317 May cause an allergic skin reaction.



Carc. 2 - H351 Suspected of causing cancer.

H227 Combustible liquid.

Acute Tox. 5 - H303 May be harmful if swallowed.

Acute Tox. 5 - H313 May be harmful in contact with skin.

Aquatic Acute 2 - H401 Toxic to aquatic life.

Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

- Additional information:

Full text of H statements: see section 16

2. Label elements • GHS label elements

- Hazard pictograms

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GHS07 GHS08

- Signal word
Warning

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- Hazard-determining components of labelling:
3-phenylacrylaldehyde / 3-Phenylprop-2-en-1-ol / 2H-Chromen-2-one / musk ketone
- Hazard statements
H227 Combustible liquid.
H303 May be harmful if swallowed.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P403 Store in a well-ventilated place.
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

103 Composition/information on ingredients

• Chemical characterization

Dangerous components:

CAS Number		%
121-32-4	Ethyl vanillin EC number: 204-464-7 Acute Tox. 5 - H303, Serious eye damage/ irritation - Category 2B - H320, Aquatic Acute 3 - H402	5,00-10,00
104-55-2	3-phenylacrylaldehyde EC number: 203-213-9 Acute Tox. 3 - H311; Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A- H319, Skin Sens. 1A- H317; Acute Tox. 5 - H303, Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	5,00-10,00
165184-98-5	2-Hexyl-(E)-cinnamaldehyde Alternative CAS numbers: 101-86-0 EC number: 639-566-4 Skin Sens. 1B - H317; Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411; Acute Tox. 5- H303, H316	1,00- 5,00
32210-23-4	VERTENEX (4-tert-Butylcyclohexyl acetate) EC number: 250-954-9 Skin Sens. 1B - H317; Acute Tox. 5 - H303, Aquatic Acute 2 - H401	1,00- 5,00
90-17-5	Trichloromethyl phenyl carbonyl acetate EC number: 201-972-0 Aquatic Acute 2 - H401, Aquatic Chronic 3 - H412	1,00- 5,00
5989-27-5	d-limonene ((R)-p-mentha-1,8-diene) EC number: 227-813-5 Asp. Tox. 1 - H304; Flam. Liq. 3	1,00- 5,00

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78-70-6	<p>-H226; SkinIrrit. 2-H315, Skin Sens. 1B - H317; Aquatic Acute 1 - H400; Aquatic Chronic 3 - H412</p> <p>3,7-Dimethylocta-1,6-dien-3-ol EC number: 201-134-4 Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; H227, Acute Tox. 5 - H303, Aquatic Acute 3 - H402</p>	1,00- 5,00
104-54-1	<p>3-Phenylprop-2-en-1 -ol EC number: 203-212-3 Acute Tox. 4 - H302, Skin Sens. 1B - H317; H316; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401</p>	1,00- 5,00
60-12-8	<p>Phenylethyl alcohol EC number: 200-456-2 Acute Tox. 4 - H302, Serious eye damage/irritation - Category 2A - H319; Acute Tox. 5-H313, H316</p>	1,00- 5,00
91-64-5	<p>2H-Chromen -2-one EC number: 202-086-7 Acute Tox. 4 - H302, Skin Sens. 1B - H317; Aquatic Acute 3 - H402, Aquatic Chronic 3 - H412</p>	1,00- 5,00
63500-71-0	<p>Floral (Tetrahydro-2-isobutyl-4-methyl- pyran-4-ol) EC number: 405-040-6 Serious eye damage/irritation - Category 2A - H319</p>	1,00- 5,00
106-24-1	<p>Geraniol EC number: 203-377-1 Eye Dam. 1 - H318; Skin Irrit. 2 - H315, Skin Sens. 1 - H317; Acute Tox. 5 - H303, Aquatic Acute 3 - H402</p>	1,00- 5,00
123-11-5	<p>ANISALDEHYDE (p-Methoxybenzaldehyde) EC number: 204-602-6 Repr. 2 Repr. 2 - H361; Acute Tox. 5 - H303, Aquatic Acute 3 - H402, Aquatic Chronic 3 - H412</p>	1,00- 5,00
81-14-1	<p>musk ketone EC number: 201-328-9 Care. 2 Care. 2 - H351; Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>	1,00- 5,00
93-89-0	<p>Ethyl benzoate EC number: 202-284-3 H227, Acute Tox. 5 - H303, Aquatic Acute 3 - H402</p>	1,00- 5,00
97-53-0	<p>4-Allyl-2-methoxyphenol</p>	0,10-1,00
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	EC number: 202-589-1 Serious eye damage/irritation - Category 2A - H319, Skin Sens. 1B - H317; Acute Tox. 5 - H303, H316, Aquatic Acute 2 - H401	
77-83-8	Ethyl methylphenylglycidate EC number: 201-061-8 Skin Sens. 1B - H317; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401	0,10-1,00
100-52-7	benzaldehyde EC number: 202-860-4 Repr. 2 Acute Tox. 4 - H302, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Serious eye damage/irritation - Category 2A-H319, STOT SE 3 - H335; Repr. 2 - H361; H227, Acute Tox. 5 - H313; Aquatic Chronic 2 - H411; Aquatic Acute 2 - H401	0,10-1,00

04 First aid measures

- Description of first aid measures
 - General information:
Seek immediate medical advice.
 - After inhalation:
Supply fresh air; consult doctor in case of complaints.
 - After skin contact:
Immediately wash with water and soap and rinse thoroughly.
 - After eye contact:
Rinse opened eye for several minutes under running water.
 - After swallowing:
If symptoms persist consult doctor.
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

105 Firefighting measures

- Extinguishing media
 - Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - For safety reasons unsuitable extinguishing agents:
Non applicable
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
No specific advice

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1. Personal precautions, protective equipment and emergency procedures
 - For non-emergency personnel
Wear protective equipment. Keep unprotected persons away.
 - For emergency responders
Wear protective equipment. Keep unprotected persons away.
2. Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
3. Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.
4. Reference to other sections
See Section 13 for disposal information.

07 Handling and storage

1. Precautions for safe handling
Open and handle receptacle with care.
 - Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
2. Conditions for safe storage, including any incompatibilities
 - Requirements to be met by storerooms and receptacles:
Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)
 - Further information about storage conditions:
None.
3. Specific end use(s)
No further relevant information available.

108 Exposure controls/personal protection

1. Control parameters
 - Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - Ingredients with biological limit values:
No further relevant information available.
2. Exposure controls
 - Personal protective equipment:
 - General protective and hygienic measures:
Avoid contact with the eyes and skin.
 - Respiratory protection:
Not required.
 - Protection of hands:
Only use chemical-protective gloves with CE-labelling of category III.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - Eye protection:
Safety glasses
 - Body protection:
Protective work clothing
 - Limitation and supervision of exposure into the environment
No further relevant information available.

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09 Physical and chemical properties	
General Information	Physical state
Appearance: Form:	Fluid
Odour: pH-value:	Fluid Characteristic Not determined.
Change in condition	Undetermined.
Melting point/freezing point:	> 35 °C
Initial boiling point and boiling range:	>= 61 °C
Flash point:	>= 61 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature: Decomposition temperature:	Undetermined. Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Explosion limits: Lower: Upper:	Not determined. Not determined.
Vapour pressure:	Not determined.
Density: Relative density Vapour density	Not determined.
Evaporation rate	1,0190- 1,0490 (20°C) Not determined. Not determined.
Solubility in / Miscibility with water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Particle characteristics	Not determined.
Other information Additional information	No further relevant information available. Not applicable.
Surface tension:	Not determined.

10 Stability and reactivity

1. Reactivity
No further relevant information available.
2. Chemical stability
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions
Reacts with strong oxidising agents.
4. Conditions to avoid
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:
No further relevant information available.
6. Hazardous decomposition products:

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No dangerous decomposition products known.

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11 Toxicological information

1. Information on toxicological effects

- Acute toxicity
May be harmful if swallowed.
May be harmful in contact with skin.
May be harmful if swallowed.

LD/LC50 values relevant for classification:

Festive Wave - BA Select

Oral, LD50 ETA UN: 4623,68 mg/kg
Dermal, LD50 ETA UN: 3376,44 mg/kg

- Skin corrosion / irritation
Causes skin irritation.
- Serious eye damage / irritation
Causes serious eye irritation.
- Respiratory / skin sensitization
May cause an allergic skin reaction.
- Germ cell mutagenicity
Based on available data, the classification criteria are not met.
- Carcinogenicity
Suspected of causing cancer.
- Reproductive toxicity
Based on available data, the classification criteria are not met.
- STOT single exposure
Based on available data, the classification criteria are not met.
- STOT repeated exposure
Based on available data, the classification criteria are not met.
- Aspiration hazard
Based on available data, the classification criteria are not met.
- Carcinogenicity
Suspected of causing cancer.
- Other information
No further relevant information available.

12 Ecological information

1. Toxicity

- Aquatic toxicity:
Toxic to aquatic life.
- 2. Persistence and degradability
Harmful to aquatic life with long lasting effects.
- Behaviour in environmental systems:
- 3. Bioaccumulative potential
Not available
- 4. Mobility in soil
Not available
- 5. Other adverse effects
No further relevant information available.

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1. Waste treatment methods
 - Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

14 Transport information

1. UN-Number

ADR	Void
.IMDG	Void
.IATA	Void

2. UN proper shipping name

ADR	Void
IMDG	Void
IATA	Void

3. Transport hazard class(es) ADR

. Class	Void
.IMDG	
. Class	Void
.IATA	
. Class	Void

4. Packing group

ADR	Void
.IMDG	Void
IATA	Void

5. Environmental hazards:
Not applicable.
6. Special precautions for user
Not applicable.
7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

15 Regulatory information

- National regulations:
 - Waterhazard class:
Water hazard class 3 (Self-assessment): extremely hazardous for water.
 - PFAS
None of the ingredients is listed.
2. Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

1- Relevant phrases

H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful 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.

2. Department issuing MSDS:

| Legislation / Regulatory Affairs Department

3. Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
SVHC: Substances of Very High Concern

4- Sources

RIFM Database
Suppliers Information
REACH registration dossier IFRA/IOFI Labelling Manual

Data compared to the previous version altered.