

Celeste® Flight Fresh Deodorant Disc - Cherry Blast

AlSCO Ltd (GB)

Part Number: **SD5500CB**

Version No: **2.3**

Safety data sheet according to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Initial Date: **21/06/2026**

Revision Date: **23/06/2026**

Print Date: **23/06/2026**

S.REACH.GB.EN

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

1.1. Product Identifier

Product name	Celeste® Flight Fresh Deodorant Disc - Cherry Blast
Other means of identification	Not Available

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

Sectors of Use	SU22 Professional uses
Relevant identified uses	For Professional Use Only Use according to manufacturer's directions.
Uses advised against	Sectors of Use - SU21 Consumer uses

1.3. Details of the manufacturer or importer of the safety data sheet

Manufacturer/Supplier	Celeste Industries	Celeste Industries Corporation
Address	400 Thames Valley Park Drive, RG6 1PT Reading, Berkshire, England	8007 Industrial Park Rd. Easton Maryland 21601 United States
Telephone	+44 1189 637 930	1-410-822-5775
Fax	Not Available	Not Available
Website	www.celestecorp.com	www.celestecorp.com
Email	info@celestecorp.com	info@celestecorp.com

1.4. Emergency telephone number

Association / Organisation	Dykem/Dymon/Scrubs = Call InfoTrac For_LPS & Other Brands = Call Chemtrec	Chemtrec
Emergency telephone number(s)	+44 330 027 0156 (InfoTrac)+001 703-527-3887 (Chemtrec)	1-800-424-9300
Other emergency telephone number(s)	844 892 0111	Not Available

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 [1]	H302 - Acute Toxicity (Oral) Category 4, H315 - Skin Corrosion/Irritation Category 2, H317 - Sensitisation (Skin) Category 1B, H319 - Serious Eye Damage/Eye Irritation Category 2, H332 - Acute Toxicity (Inhalation) Category 4, H335 - Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, H412 - Hazardous to the Aquatic Environment Long-Term Hazard Category 3
Legend:	1. Classified by Chemwatch; 2. Classification drawn from GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

2.2. Label elements

Hazard pictogram(s)	
Signal word	Warning

Hazard statement(s)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Supplementary statement(s)
Not Applicable

Precautionary statement(s) Prevention

P261	Avoid breathing dust/fumes.
P264	Wash all exposed external body areas thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P272	Contaminated work clothing must not be allowed out of the workplace.

Precautionary statement(s) Response

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/physician/first aider if you feel unwell.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P330	Rinse mouth.

Precautionary statement(s) Storage

P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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Material contains benzaldehyde, ethyl methylphenylglycidate, p-tolualdehyde, benzyl benzoate.

2.3. Other hazards

REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

This substance/mixture does not meet the criteria for classification as Persistent, Bioaccumulative, and Toxic (PBT) in accordance with Annex XIII, Commission Delegated Regulation (EU) 2017/2100, and Commission Regulation (EU) 2018/605.

This substance/mixture does not meet the criteria for classification as very Persistent and very Bioaccumulative (vPvB) in accordance with Annex XIII, Commission Delegated Regulation (EU) 2017/2100, and Commission Regulation (EU) 2018/605.

This substance/mixture does not meet the criteria for classification as Persistent, Mobile and Toxic (PMT) in accordance with Commission Delegated Regulation (EU) 2023/707.

This substance/mixture does not meet the criteria for classification as very Persistent and very Mobile (vPvM) in accordance with Commission Delegated Regulation (EU) 2023/707.

The substance/mixture does not contain components considered to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, nor is it included in the list established under REACH Article 59(1), at concentrations equal to or greater than 0.1% (w/w).

No further product hazard information.

SECTION 3 Composition / information on ingredients

3.1.Substances

See 'Composition on ingredients' in Section 3.2

3.2.Mixtures

1. CAS No 2.EC No 3.Index No 4.REACH No	%[weight]	Name	Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	SCL / M-Factor	Nanoform Particle Characteristics
1. 100-52-7 2.202-860-4 3.605-012-00-5 4.Not Available	30-40	benzaldehyde	Oxidizing Liquids Category 3, Acute Toxicity (Oral) Category 4; H272, H302 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 107-41-5 2.203-489-0 3.603-053-00-3 4.Not Available	30-40	hexylene glycol	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2; H315, H319 ^[2]	SCL: Not Available Acute M factor: Not Applicable	Not Available

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1. CAS No 2. EC No 3. Index No 4. REACH No	%[weight]	Name	Classified according to GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567	SCL / M-Factor	Nanoform Particle Characteristics
				Chronic M factor: Not Applicable	
1. 77-83-8 2. 201-061-8 3. Not Available 4. Not Available	5-10	<u>ethyl methylphenylglycidate</u>	Sensitisation (Skin) Category 1B, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H317, H411 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 140-11-4 2. 205-399-7 3. Not Available 4. Not Available	5-10	<u>benzyl acetate</u>	Hazardous to the Aquatic Environment Long-Term Hazard Category 3; H412 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 121-32-4 2. 204-464-7 3. Not Available 4. Not Available	1-5	<u>ethyl vanillin</u>	Serious Eye Damage/Eye Irritation Category 2; H319 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 1335-46-2 2. 215-635-0 3. Not Available 4. Not Available	1-5	<u>methylionone, isomers</u>	Skin Corrosion/Irritation Category 2, Serious Eye Damage/Eye Irritation Category 2, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H315, H319, H411 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 134-20-3 2. 205-132-4 3. Not Available 4. Not Available	1-5	<u>methyl anthranilate</u>	Serious Eye Damage/Eye Irritation Category 2; H319 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 104-87-0 2. 203-246-9 3. Not Available 4. Not Available	1-5	<u>p-tolualdehyde</u>	Acute Toxicity (Oral) Category 4; H302 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 120-51-4 2. 204-402-9 3. 607-085-00-9 4. Not Available	1-5	<u>benzyl benzoate</u>	Acute Toxicity (Oral) Category 4, Hazardous to the Aquatic Environment Long-Term Hazard Category 2; H302, H411 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
1. 105-54-4 2. 203-306-4 3. Not Available 4. Not Available	1-5	<u>ethyl butyrate</u>	Flammable Liquids Category 3, Serious Eye Damage/Eye Irritation Category 2; H226, H319 ^[1]	SCL: Not Available Acute M factor: Not Applicable Chronic M factor: Not Applicable	Not Available
Legend: 1. Classified by Chemwatch; 2. Classification drawn from GB-CLP Regulation, UK SI 2019/720 and UK SI 2020/1567; 3. Classification drawn from C&L; * EU IOELVs available; [e] Substance identified as having endocrine disrupting properties					

SECTION 4 First aid measures

4.1. Description of first aid measures

Eye Contact	If this product comes in contact with the eyes: ▶ Wash out immediately with fresh running water. ▶ Seek medical attention without delay; if pain persists or recurs seek medical attention. ▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: ▶ Flush skin and hair with running water (and soap if available). ▶ Seek medical attention in event of irritation.
Inhalation	▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▶ Other measures are usually unnecessary.
Ingestion	▶ Immediately give a glass of water. ▶ Do NOT induce vomiting.

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- ▶ If spontaneous vomiting appears imminent or occurs, hold patients head down, lower than their hips to help avoid possible aspiration of vomitus.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11

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

Treat Symptomatically

SECTION 5 Firefighting measures**5.1. Extinguishing media**

- ▶ Alcohol stable foam.
- ▶ Dry chemical powder.
- ▶ BCF (where regulations permit).
- ▶ Carbon dioxide.
- ▶ Water spray or fog - Large fires only.

5.2. Special hazards arising from the substrate or mixture**Fire Incompatibility**

- ▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

5.3. Advice for firefighters

Fire Fighting	▶ Alert Fire Brigade and tell them location and nature of hazard. ▶ Wear breathing apparatus plus protective gloves. ▶ Prevent, by any means available, spillage from entering drains or water courses. ▶ Use water delivered as a fine spray to control fire and cool adjacent area. ▶ DO NOT approach containers suspected to be hot. ▶ Cool fire exposed containers with water spray from a protected location. ▶ If safe to do so, remove containers from path of fire. ▶ Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	None

SECTION 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

See section 8

6.2. Environmental precautions

See section 12

6.3. Methods and material for containment and cleaning up

Minor Spills	▶ Remove all ignition sources. ▶ Clean up all spills immediately. ▶ Avoid contact with skin and eyes. ▶ Control personal contact with the substance, by using protective equipment. ▶ Place in a suitable, labelled container for waste disposal.
Major Spills	Moderate hazard. ▶ CAUTION: Advise personnel in area. ▶ Alert Emergency Services and tell them location and nature of hazard. ▶ Control personal contact by wearing protective clothing. ▶ Prevent, by any means available, spillage from entering drains or water courses. ▶ Recover product wherever possible. ▶ ALWAYS: Wash area down with large amounts of water and prevent runoff into drains. ▶ If contamination of drains or waterways occurs, advise Emergency Services.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage**7.1. Precautions for safe handling**

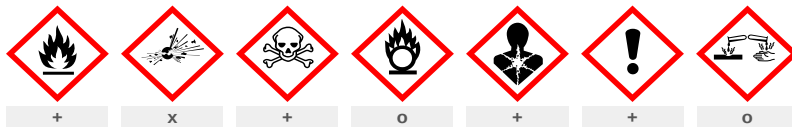
Safe handling	▶ Avoid skin contact, including inhalation. ▶ Wear protective clothing when risk of exposure occurs. ▶ Use in a well-ventilated area. ▶ DO NOT enter confined spaces until atmosphere has been checked. ▶ DO NOT allow material to come in direct contact with human skin or eyes. ▶ DO NOT allow material to come in contact with exposed food or food contact surfaces. ▶ Suitable PPE must be worn at all times. ▶ Avoid contact with incompatible materials. ▶ When handling, DO NOT eat, drink or smoke. ▶ Keep containers securely sealed when not in use. ▶ Avoid physical damage to containers. ▶ Always wash hands with soap and water after handling. ▶ Work clothes should be laundered separately. Launder contaminated clothing before re-use. ▶ Use good occupational work practice. ▶ Observe manufacturer's storage and handling recommendations contained within this SDS.
Fire and explosion protection	See section 5
Other information	▶ Store in original containers. ▶ Keep containers securely sealed. ▶ Store in a cool, dry area protected from environmental extremes. ▶ Store away from incompatible materials and foodstuff containers. ▶ Protect containers against physical damage and check regularly for leaks. ▶ Observe manufacturer's storage and handling recommendations contained within this SDS.

7.2. Conditions for safe storage, including any incompatibilities

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Suitable container	▶ Polyethylene or polypropylene container. ▶ Check all containers are clearly labelled and free from leaks.
Storage incompatibility	Avoid reaction with oxidising agents.
Hazard categories in accordance with Regulation (EC) No 2012/18/EU (Seveso III)	Not Available
Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of	Not Available



X — Must not be stored together

O — May be stored together with specific precautions

+ — May be stored together

Note: Depending on other risk factors, compatibility assessment based on the table above may not be relevant to storage situations, particularly where large volumes of dangerous goods are stored and handled. Reference should be made to the Safety Data Sheets for each substance or article and risks assessed accordingly.

7.3. Specific end use(s)

See section 1.2

SECTION 8 Exposure controls / personal protection

8.1. Control parameters

Ingredient	DNELs Exposure Pattern Worker	PNECs Compartment
benzaldehyde	Dermal 1.14 mg/kg bw/day (Systemic, Chronic) Inhalation 9.8 mg/m ³ (Systemic, Chronic) Inhalation 9.8 mg/m ³ (Local, Chronic) Dermal 1 % in mixture (weight basis) (Local, Acute) Dermal 0.67 mg/kg bw/day (Systemic, Chronic) * Inhalation 4.9 mg/m³ (Systemic, Chronic) * Oral 0.67 mg/kg bw/day (Systemic, Chronic) * Inhalation 4.9 mg/m³ (Local, Chronic) * Dermal 1000 mg/cm² (Local, Acute) *	0 mg/L (Water (Fresh)) 0.011 mg/L (Water - Intermittent release) 0 mg/L (Water (Marine)) 0.004 mg/kg sediment dw (Sediment (Fresh Water)) 0 mg/kg sediment dw (Sediment (Marine)) 0.001 mg/kg soil dw (Soil) 7.59 mg/L (STP)
ethyl methylphenylglycidate	Dermal 5 mg/kg bw/day (Systemic, Chronic) Inhalation 17.63 mg/m ³ (Systemic, Chronic) Dermal 12.5 mg/cm ² (Local, Chronic) Inhalation 44.08 mg/m ³ (Local, Chronic) Dermal 10 mg/kg bw/day (Systemic, Acute) Inhalation 35.26 mg/m ³ (Systemic, Acute) Dermal 25 mg/cm ² (Local, Acute) Inhalation 88.16 mg/m ³ (Local, Acute) Dermal 1.25 mg/kg bw/day (Systemic, Chronic) * Inhalation 2.17 mg/m³ (Systemic, Chronic) * Oral 1.25 mg/kg bw/day (Systemic, Chronic) * Dermal 3.13 mg/cm² (Local, Chronic) * Inhalation 5.43 mg/m³ (Local, Chronic) * Dermal 5 mg/kg bw/day (Systemic, Acute) * Inhalation 8.7 mg/m³ (Systemic, Acute) * Oral 5 mg/kg bw/day (Systemic, Acute) * Dermal 1000 mg/cm² (Local, Acute) * Inhalation 21.74 mg/m³ (Local, Acute) *	0.008 mg/L (Water (Fresh)) 0.084 mg/L (Water - Intermittent release) 0.0084 mg/L (Water (Marine)) 0.214 mg/kg sediment dw (Sediment (Fresh Water)) 0.021 mg/kg sediment dw (Sediment (Marine)) 0.038 mg/kg soil dw (Soil) 10 mg/L (STP) 23.3 mg/kg food (Oral)
benzyl acetate	Dermal 2.5 mg/kg bw/day (Systemic, Chronic) Inhalation 9 mg/m ³ (Systemic, Chronic) Dermal 1.3 mg/kg bw/day (Systemic, Chronic) * Inhalation 2.2 mg/m³ (Systemic, Chronic) * Oral 1.3 mg/kg bw/day (Systemic, Chronic) *	0.018 mg/L (Water (Fresh)) 0.04 mg/L (Water - Intermittent release) 0.002 mg/L (Water (Marine)) 0.526 mg/kg sediment dw (Sediment (Fresh Water)) 0.053 mg/kg sediment dw (Sediment (Marine)) 0.094 mg/kg soil dw (Soil) 8.55 mg/L (STP)
ethyl vanillin	Dermal 7 mg/kg bw/day (Systemic, Chronic) Inhalation 49 mg/m ³ (Systemic, Chronic) Inhalation 98 mg/m ³ (Systemic, Acute) Dermal 2.5 mg/kg bw/day (Systemic, Chronic) * Inhalation 8.75 mg/m³ (Systemic, Chronic) * Oral 2.5 mg/kg bw/day (Systemic, Chronic) * Inhalation 17.5 mg/m³ (Systemic, Acute) *	0.118 mg/L (Water (Fresh)) 0.012 mg/L (Water (Marine)) 15 mg/kg sediment dw (Sediment (Fresh Water)) 1.5 mg/kg sediment dw (Sediment (Marine)) 2.923 mg/kg soil dw (Soil) 10 mg/L (STP)
methylionone, isomers	Not Available	0.00224 mg/L (Water (Fresh)) 0.00224 mg/L (Water (Marine)) 32 mg/L (STP)
methyl anthranilate	Dermal 14 mg/kg bw/day (Systemic, Chronic) Inhalation 49.3 mg/m ³ (Systemic, Chronic) Dermal 5 mg/kg bw/day (Systemic, Chronic) * Inhalation 8.7 mg/m³ (Systemic, Chronic) * Oral 5 mg/kg bw/day (Systemic, Chronic) *	0.0872 mg/L (Water (Fresh)) 0.185 mg/L (Water - Intermittent release) 0.00872 mg/L (Water (Marine)) 0.968 mg/kg sediment dw (Sediment (Fresh Water)) 0.0968 mg/kg sediment dw (Sediment (Marine)) 0.142 mg/kg soil dw (Soil)
benzyl benzoate	Dermal 4 mg/kg bw/day (Systemic, Chronic) Inhalation 14.1 mg/m ³ (Systemic, Chronic) Inhalation 70.5 mg/m ³ (Systemic, Acute) Dermal 1.42 mg/kg bw/day (Systemic, Chronic) * Inhalation 2.48 mg/m³ (Systemic, Chronic) * Oral 1.42 mg/kg bw/day (Systemic, Chronic) * Inhalation 12.4 mg/m³ (Systemic, Acute) *	0.003 mg/L (Water (Fresh)) 0.000322 mg/L (Water (Marine)) 2.043 mg/kg sediment dw (Sediment (Fresh Water)) 0.204 mg/kg sediment dw (Sediment (Marine)) 0.406 mg/kg soil dw (Soil) 100 mg/L (STP)

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Ingredient	DNELs Exposure Pattern Worker	PNECs Compartment
ethyl butyrate	Dermal 2.33 mg/kg bw/day (Systemic, Chronic) Inhalation 49.3 mg/m³ (Systemic, Chronic) Dermal 0.833 mg/kg bw/day (Systemic, Chronic) * Inhalation 7.4 mg/m³ (Systemic, Chronic) * Oral 0.833 mg/kg bw/day (Systemic, Chronic) *	0.0297 mg/L (Water (Fresh)) 1 mg/L (Water - Intermittent release) 0.00297 mg/L (Water (Marine)) 0.173 mg/kg sediment dw (Sediment (Fresh Water)) 0.0173 mg/kg sediment dw (Sediment (Marine)) 0.0171 mg/kg soil dw (Soil) 23.6 mg/L (STP)
hexylene glycol	Dermal 63 mg/kg bw/day (Systemic, Chronic) Inhalation 44.43 mg/m³ (Systemic, Chronic) Inhalation 49 mg/m³ (Local, Chronic) Inhalation 98 mg/m³ (Local, Acute) Dermal 22.5 mg/kg bw/day (Systemic, Chronic) * Inhalation 7.83 mg/m³ (Systemic, Chronic) * Oral 2.25 mg/kg bw/day (Systemic, Chronic) * Inhalation 25 mg/m³ (Local, Chronic) * Inhalation 49 mg/m³ (Local, Acute) *	0.429 mg/L (Water (Fresh)) 4.29 mg/L (Water - Intermittent release) 0.043 mg/L (Water (Marine)) 1.59 mg/kg sediment dw (Sediment (Fresh Water)) 0.159 mg/kg sediment dw (Sediment (Marine)) 0.066 mg/kg soil dw (Soil) 20 mg/L (STP)

* Values for General Population

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
UK Workplace Exposure Limits (WELs).	hexylene glycol	2-Methylpentane-2,4-diol	25 ppm / 123 mg/m3	123 mg/m3 / 25 ppm	Not Available	Not Available

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard 'physically' away from the worker and ventilation that strategically 'adds' and 'removes' air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. Air contaminants generated in the workplace possess varying 'escape' velocities which, in turn, determine the 'capture velocities' of fresh circulating air required to efficiently remove the contaminant. <table><tr><td>Type of Contaminant:</td><td>Air Speed:</td></tr><tr><td>direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)</td><td>1-2.5 m/s (200-500 ft/min)</td></tr><tr><td>grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).</td><td>2.5-10 m/s (500-2000 ft/min)</td></tr></table> Within each range the appropriate value depends on: <table><tr><td>Lower end of the range</td><td>Upper end of the range</td></tr><tr><td>1: Room air currents minimal or favourable to capture</td><td>1: Disturbing room air currents</td></tr><tr><td>2: Contaminants of low toxicity or of nuisance value only</td><td>2: Contaminants of high toxicity</td></tr><tr><td>3: Intermittent, low production.</td><td>3: High production, heavy use</td></tr><tr><td>4: Large hood or large air mass in motion</td><td>4: Small hood-local control only</td></tr></table> Simple theory shows that air velocity falls rapidly with distance away from the opening of a simple extraction pipe. Velocity generally decreases with the square of distance from the extraction point (in simple cases). Therefore the air speed at the extraction point should be adjusted, accordingly, after reference to distance from the contaminating source. The air velocity at the extraction fan, for example, should be a minimum of 4-10 m/s (800-2000 ft/min) for extraction of crusher dusts generated 2 metres distant from the extraction point. Other mechanical considerations, producing performance deficits within the extraction apparatus, make it essential that theoretical air velocities are multiplied by factors of 10 or more when extraction systems are installed or used.	Type of Contaminant:	Air Speed:	direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 ft/min)	grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 ft/min)	Lower end of the range	Upper end of the range	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents	2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity	3: Intermittent, low production.	3: High production, heavy use	4: Large hood or large air mass in motion	4: Small hood-local control only
Type of Contaminant:	Air Speed:																
direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gas discharge (active generation into zone of rapid air motion)	1-2.5 m/s (200-500 ft/min)																
grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initial velocity into zone of very high rapid air motion).	2.5-10 m/s (500-2000 ft/min)																
Lower end of the range	Upper end of the range																
1: Room air currents minimal or favourable to capture	1: Disturbing room air currents																
2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity																
3: Intermittent, low production.	3: High production, heavy use																
4: Large hood or large air mass in motion	4: Small hood-local control only																
8.2.2. Individual protection measures, such as personal protective equipment	 																
Eye and face protection	No special equipment for minor exposure i.e. when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: Safety glasses with side shields.																
Skin protection	See Hand protection below																
Hands/feet protection	No special equipment needed when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: Wear general protective gloves, eg. light weight rubber gloves. For potentially heavy exposures: Wear chemical protective gloves, eg. PVC. and safety footwear.																
Body protection	See Other protection below																
Other protection	- Overalls. - P.V.C apron. - Barrier cream. - Skin cleansing cream. - Eye wash unit.																

Respiratory protection

Type AX-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

8.2.3. Environmental exposure controls

See section 12

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SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Absorbent disc		
Physical state	Solid	Relative density (Water = 1)	Not Available
Odour	Characteristic	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	>35	Molecular weight (g/mol)	Not Available
Flash point (°C)	68	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Applicable
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available
Heat of Combustion (kJ/g)	Not Available	Ignition Distance (cm)	Not Available
Flame Height (cm)	Not Available	Flame Duration (s)	Not Available
Enclosed Space Ignition Time Equivalent (s/m3)	Not Available	Enclosed Space Ignition Deflagration Density (g/m3)	Not Available
Nanoform Solubility	Not Available	Nanoform Particle Characteristics	Not Available
Particle Size	Not Available		

9.2. Other information

Not Available

SECTION 10 Stability and reactivity

10.1. Reactivity	See section 7.2
10.2. Chemical stability	▶ Unstable in the presence of incompatible materials. ▶ Product is considered stable. ▶ Hazardous polymerisation will not occur.
10.3. Possibility of hazardous reactions	See section 7.2
10.4. Conditions to avoid	See section 7.2
10.5. Incompatible materials	See section 7.2
10.6. Hazardous decomposition products	See section 5.3

SECTION 11 Toxicological information

11.1. Information on toxicological effects

a) Acute Toxicity	There is sufficient evidence to classify this material as acutely toxic.
b) Skin Irritation/Corrosion	There is sufficient evidence to classify this material as skin corrosive or irritating.
c) Serious Eye Damage/Irritation	There is sufficient evidence to classify this material as eye damaging or irritating
d) Respiratory or Skin sensitisation	There is sufficient evidence to classify this material as sensitising to skin or the respiratory system
e) Mutagenicity	Based on available data, the classification criteria are not met.
f) Carcinogenicity	Based on available data, the classification criteria are not met.
g) Reproductivity	Based on available data, the classification criteria are not met.
h) STOT - Single Exposure	There is sufficient evidence to classify this material as toxic to specific organs through single exposure
i) STOT - Repeated Exposure	Based on available data, the classification criteria are not met.
j) Aspiration Hazard	Based on available data, the classification criteria are not met.
Inhaled	Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be damaging to the health of the individual.
Ingestion	Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual.
Skin Contact	Open cuts, abraded or irritated skin should not be exposed to this material The material may cause moderate inflammation of the skin either following direct contact or after a delay of some time. Repeated exposure can cause contact dermatitis which is characterised by redness, swelling and blistering.
Eye	There is evidence that material may produce eye irritation in some persons and produce eye damage 24 hours or more after instillation. Severe inflammation may be expected with pain.
Chronic	Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population.

Continued...

Celeste® Flight Fresh Deodorant Disc - Cherry Blast

	Certain substances, commonly found in perfumes or perfumed products, produce hypersensitivity. Contact allergy to perfumes occurs with a relatively high incidence, only exceeded by nickel allergy. There is no cure for perfume allergy. One sensitized, exposure to even extremely small amounts of the perfume gives rise to eruptions and eczema. These symptoms may be treated with steroid creams, although frequent use of steroids produces unwanted side effects.	
Celeste® Flight Fresh Deodorant Disc - Cherry Blast	TOXICITY	IRRITATION
	Not Available	Not Available
benzaldehyde	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: >1250 mg/kg ^[1]	Eye: adverse effect observed (irritating) ^[1]
	Oral (Mouse) LD50; 28 mg/kg ^[2]	Skin (Rodent - rabbit): 500mg/24H - Moderate
		Skin: adverse effect observed (irritating) ^[1]
ethyl methylphenylglycidate	TOXICITY	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye: no adverse effect observed (not irritating) ^[1]
	Oral (Guinea) LD50; 4050 mg/kg ^[2]	Skin: no adverse effect observed (not irritating) ^[1]
benzyl acetate	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: >5000 mg/kg ^[2]	Eye: no adverse effect observed (not irritating) ^[1]
	Oral (Rat) LD50: 2490 mg/kg ^[2]	Skin (Rodent - rabbit): 100mg/24H - Moderate
		Skin: no adverse effect observed (not irritating) ^[1]
ethyl vanillin	TOXICITY	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye: adverse effect observed (irritating) ^[1]
	Oral (Rat) LD50: 1590 mg/kg ^[2]	Skin (Human): 10mg/48H - Mild
		Skin: no adverse effect observed (not irritating) ^[1]
methylionone, isomers	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: >5000 mg/kg ^[2]	Skin: adverse effect observed (irritating) ^[1]
	Oral (Rat) LD50: >5000 mg/kg ^[2]	Skin: no adverse effect observed (not irritating) ^[1]
methyl anthranilate	TOXICITY	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye: adverse effect observed (irritating) ^[1]
	Inhalation (Rat) LC50: >2.24 mg/L4h ^[2]	Skin (Rodent - rabbit): 500mg/24H - Moderate
	Oral (Guinea) LD50; 2780 mg/kg ^[2]	Skin: no adverse effect observed (not irritating) ^[1]
p-tolualdehyde	TOXICITY	IRRITATION
	dermal (rat) LD50: 2500 mg/kg ^[2]	Eye (Rodent - rabbit): 100mg - Moderate
	Oral (Mouse) LD50; 1000 mg/kg ^[1]	Skin (Rodent - rabbit): 500mg - Moderate
benzyl benzoate	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: 4000 mg/kg ^[2]	Eye: no adverse effect observed (not irritating) ^[1]
	Oral (Rat) LD50: 1700 mg/kg ^[2]	Skin: no adverse effect observed (not irritating) ^[1]
ethyl butyrate	TOXICITY	IRRITATION
	dermal (rat) LD50: >2000 mg/kg ^[1]	Eye: adverse effect observed (irritating) ^[1]
	Inhalation (Rat) LC50: >1.845 mg/L4h ^[1]	Skin (Rodent - rabbit): 500mg/24H - Moderate
	Oral (Rat) LD50: >2000 mg/kg ^[1]	Skin: no adverse effect observed (not irritating) ^[1]
hexylene glycol	TOXICITY	IRRITATION
	Dermal (rabbit) LD50: 8560 mg/kg ^[2]	Eye: adverse effect observed (irritating) ^[1]
	Oral (Rat) LD50: 3700 mg/kg ^[2]	Skin (Rodent - rabbit): 465mg - Mild
		Skin (Rodent - rabbit): 465mg/24H - Moderate
		Skin (Rodent - rabbit): 500mg/24H - Moderate
		Skin: no adverse effect observed (not irritating) ^[1]

Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

Acute Toxicity	✓	Carcinogenicity	✗
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Continued...

Celeste® Flight Fresh Deodorant Disc - Cherry Blast

Skin Irritation/Corrosion	✓	Reproductivity	✗
Serious Eye Damage/Irritation	✓	STOT - Single Exposure	✓
Respiratory or Skin sensitisation	✓	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

Legend: ✗ – Data either not available or does not fill the criteria for classification
 ✓ – Data available to make classification

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

11.2.2. Other information

See Section 11.1

SECTION 12 Ecological information

12.1. Toxicity

Celeste® Flight Fresh Deodorant Disc - Cherry Blast	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
benzaldehyde	Endpoint	Test Duration (hr)	Species	Value	Source
	EC10(ECx)	72h	Algae or other aquatic plants	0.021mg/l	2
	EC50	72h	Algae or other aquatic plants	0.028mg/L	4
	EC50	48h	Crustacea	19.7mg/l	2
	EC50	96h	Algae or other aquatic plants	23.065mg/l	2
	ErC50	72h	Algae or other aquatic plants	33.1mg/l	2
	LC50	96h	Fish	0.8-1.44mg/L	4
ethyl methylphenylglycidate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	36mg/l	2
	EC50	48h	Crustacea	52mg/l	2
	EC50	96h	Algae or other aquatic plants	42mg/l	2
	LC50	96h	Fish	4.2mg/l	2
	NOEC(ECx)	96h	Fish	3.2mg/l	2
benzyl acetate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	92mg/l	2
	EC50	48h	Crustacea	17mg/l	2
	NOEC(ECx)	672h	Fish	0.92mg/l	2
	LC50	96h	Fish	3.48-4.6mg/l	4
ethyl vanillin	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	>100mg/l	2
	EC50	48h	Crustacea	26.2mg/l	2
	NOEC(ECx)	504h	Crustacea	5.9mg/l	2
	LC50	96h	Fish	81.4-94.3mg/L	4
methylnone, isomers	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
methyl anthranilate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	110mg/l	2
	EC50	48h	Crustacea	17.987-24.878mg/L	4
	NOEC(ECx)	504h	Crustacea	0.71mg/l	2
	LC50	96h	Fish	7.98-10.51mg/L	4
p-tolualdehyde	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available

Continued...

Celeste® Flight Fresh Deodorant Disc - Cherry Blast

benzyl benzoate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC50	72h	Algae or other aquatic plants	0.311mg/l	2
	EC50	48h	Crustacea	3.09mg/l	2
	NOEC(ECx)	840h	Fish	0.023mg/l	2
	LC50	96h	Fish	1.06-2.21mg/L	4
ethyl butyrate	Endpoint	Test Duration (hr)	Species	Value	Source
	NOEC(ECx)	672h	Fish	1.483mg/l	2
	EC50	48h	Crustacea	>100mg/l	2
	LC50	96h	Fish	>=100mg/l	2
hexylene glycol	Endpoint	Test Duration (hr)	Species	Value	Source
	NOEC(ECx)	72h	Algae or other aquatic plants	429mg/l	2
	EC50	72h	Algae or other aquatic plants	>429mg/l	2
	EC50	48h	Crustacea	2400-3200mg/L	4
	LC50	96h	Fish	>100mg/l	4
Legend:	Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. US EPA, Ecotox database - Aquatic Toxicity Data 4. ECETOC Aquatic Hazard Assessment Data 5. NITE (Japan) - Bioconcentration Data 6. METI (Japan) - Bioconcentration Data 7. Vendor Data				

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
DO NOT discharge into sewer or waterways.

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
benzaldehyde	LOW	LOW
ethyl methylphenylglycidate	HIGH	HIGH
benzyl acetate	LOW	LOW
ethyl vanillin	LOW	LOW
methylionone, isomers	HIGH	HIGH
methyl anthranilate	HIGH	HIGH
p-tolualdehyde	LOW	LOW
benzyl benzoate	HIGH	HIGH
ethyl butyrate	LOW	LOW
hexylene glycol	LOW	LOW

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
benzaldehyde	LOW (LogKOW = 1.48)
ethyl methylphenylglycidate	LOW (LogKOW = 3)
benzyl acetate	LOW (LogKOW = 1.96)
ethyl vanillin	LOW (LogKOW = 1.58)
methylionone, isomers	HIGH (LogKOW = 4.84)
methyl anthranilate	LOW (LogKOW = 1.88)
p-tolualdehyde	LOW (LogKOW = 2.26)
benzyl benzoate	MEDIUM (LogKOW = 3.97)
ethyl butyrate	LOW (LogKOW = 1.85)
hexylene glycol	LOW (LogKOW = 0.5802)

12.4. Mobility in soil

Ingredient	Mobility
benzaldehyde	LOW (Log KOC = 32.67)
ethyl methylphenylglycidate	LOW (Log KOC = 73.94)
benzyl acetate	LOW (Log KOC = 133.7)
ethyl vanillin	LOW (Log KOC = 70.92)
methylionone, isomers	LOW (Log KOC = 1208)
methyl anthranilate	LOW (Log KOC = 21.42)
p-tolualdehyde	LOW (Log KOC = 52.91)
benzyl benzoate	LOW (Log KOC = 3119)
ethyl butyrate	LOW (Log KOC = 21.85)
hexylene glycol	HIGH (Log KOC = 1)

12.5. Results of PBT and vPvB assessment

	P	B	T	PBT criteria fulfilled?	vP	vB	vPvB criteria fulfilled?
Celeste® Flight Fresh Deodorant Disc - Cherry Blast	No data available	No data available	No data available	No	No data available	No data available	No
benzaldehyde	✗	✗	✓	No	✗	✗	No

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	P	B	T	PBT criteria fulfilled?	vP	vB	vPvB criteria fulfilled?
ethyl methylphenylglycidate	No data available	No data available	No data available	No	No data available	No data available	No
benzyl acetate	No data available	No data available	No data available	No	No data available	No data available	No
ethyl vanillin	No data available	No data available	No data available	No	No data available	No data available	No
methylionone, isomers	No data available	No data available	No data available	No	No data available	No data available	No
methyl anthranilate	No data available	No data available	No data available	No	No data available	No data available	No
p-tolualdehyde	No data available	No data available	No data available	No	No data available	No data available	No
benzyl benzoate	No data available	No data available	No data available	No	No data available	No data available	No
ethyl butyrate	No data available	No data available	No data available	No	No data available	No data available	No
hexylene glycol	No data available	No data available	No data available	No	No data available	No data available	No

12.6. Endocrine disrupting properties

No evidence of endocrine disrupting properties were found in the current literature.

12.7. Other adverse effects

No evidence of ozone depleting properties were found in the current literature.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

Product / Packaging disposal	▶ DO NOT allow wash water from cleaning or process equipment to enter drains. ▶ It may be necessary to collect all wash water for treatment before disposal. ▶ In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. ▶ Where in doubt contact the responsible authority.
Waste treatment options	Not Available
Sewage disposal options	Not Available

SECTION 14 Transport information

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number or ID number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	Class	Not Applicable
	Subsidiary Hazard	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Hazard identification (Kemler)	Not Applicable
	Classification code	Not Applicable
	Hazard Label	Not Applicable
	Special provisions	Not Applicable
	Limited quantity	Not Applicable
	Transport Category	Not Applicable
	Tunnel Restriction Code	Not Applicable

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	ICAO/IATA Class	Not Applicable
	ICAO / IATA Subsidiary Hazard	Not Applicable
	ERG Code	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Special provisions	Not Applicable

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	Cargo Only Packing Instructions	Not Applicable
	Cargo Only Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Packing Instructions	Not Applicable
	Passenger and Cargo Maximum Qty / Pack	Not Applicable
	Passenger and Cargo Limited Quantity Packing Instructions	Not Applicable
	Passenger and Cargo Limited Maximum Qty / Pack	Not Applicable

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	IMDG Class	Not Applicable
	IMDG Subsidiary Hazard	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	EMS Number	Not Applicable
	Special provisions	Not Applicable
	Limited Quantities	Not Applicable

Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

14.1. UN number	Not Applicable	
14.2. UN proper shipping name	Not Applicable	
14.3. Transport hazard class(es)	Not Applicable	Not Applicable
14.4. Packing group	Not Applicable	
14.5. Environmental hazard	Not Applicable	
14.6. Special precautions for user	Classification code	Not Applicable
	Special provisions	Not Applicable
	Limited quantity	Not Applicable
	Equipment required	Not Applicable
	Fire cones number	Not Applicable

14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
benzaldehyde	Not Applicable
ethyl methylphenylglycidate	Not Applicable
benzyl acetate	Not Applicable
ethyl vanillin	Not Applicable
methylionone, isomers	Not Applicable
methyl anthranilate	Not Applicable
p-tolualdehyde	Not Applicable
benzyl benzoate	Not Applicable
ethyl butyrate	Not Applicable
hexylene glycol	Not Applicable

14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
benzaldehyde	Not Applicable
ethyl methylphenylglycidate	Not Applicable
benzyl acetate	Not Applicable
ethyl vanillin	Not Applicable
methylionone, isomers	Not Applicable
methyl anthranilate	Not Applicable
p-tolualdehyde	Not Applicable
benzyl benzoate	Not Applicable
ethyl butyrate	Not Applicable
hexylene glycol	Not Applicable

SECTION 15 Regulatory information

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

benzaldehyde is found on the following regulatory lists
Great Britain GB mandatory classification and labelling list (GB MCL List)
ethyl methylphenylglycidate is found on the following regulatory lists
Not Applicable
benzyl acetate is found on the following regulatory lists
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Not Classified as Carcinogenic
ethyl vanillin is found on the following regulatory lists
Not Applicable
methylionone, isomers is found on the following regulatory lists
Not Applicable
methyl anthranilate is found on the following regulatory lists
Chemical Footprint Project - Chemicals of High Concern List Great Britain GB Biocidal Active Substances
p-tolualdehyde is found on the following regulatory lists
Not Applicable
benzyl benzoate is found on the following regulatory lists
Great Britain GB Biocidal Active Substances Great Britain GB mandatory classification and labelling list (GB MCL List)
ethyl butyrate is found on the following regulatory lists
Not Applicable
hexylene glycol is found on the following regulatory lists
Great Britain GB mandatory classification and labelling list (GB MCL List) UK Workplace Exposure Limits (WELs).

Additional Regulatory Information

Not Applicable
This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : Directives 98/24/EC, - 92/85/EEC, - 94/33/EC, - 2008/98/EC, - 2010/75/EU; Commission Regulation (EU) 2020/878; Regulation (EC) No 1272/2008 as updated through ATPs.

Information according to 2012/18/EU (Seveso III):

Seveso Category	Not Available
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15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

ECHA SUMMARY

Ingredient	CAS number	Index No	ECHA Dossier
benzaldehyde	100-52-7	605-012-00-5	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Toxicity (Oral) Category 4	GHS07; Wng	H302
2	Acute Toxicity (Oral) Category 4; Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Reproductive Toxicity Category 1B; Hazardous to the Aquatic Environment Long-Term Hazard Category 2; Sensitisation (Skin) Category 1; Acute Toxicity (Oral) Category 3; Specific Target Organ Toxicity - Repeated Exposure Category 2	GHS08; GHS09; Dgr; GHS06; GHS02	H302; H315; H319; H335; H360D; H411; H336; H317; H312; H331; H373

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
ethyl methylphenylglycidate	77-83-8	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Sensitisation (Skin) Category 1B; Hazardous to the Aquatic Environment Long-Term Hazard Category 2	GHS07; Wng	H317; H411
2	Sensitisation (Skin) Category 1B; Hazardous to the Aquatic Environment Long-Term Hazard Category 2; Flammable Liquids Category 3; Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Specific Target Organ Toxicity - Single Exposure Category 2; Specific Target Organ Toxicity - Repeated Exposure Category 2	GHS07; Wng; GHS02; GHS09	H317; H226; H315; H319; H335; H302; H400; H410

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
benzyl acetate	140-11-4	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Hazardous to the Aquatic Environment Long-Term Hazard Category 3	Not Applicable	H412

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

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Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
2	#Class_Skincorr2;#Class_Eyeirri2;#Class_STOTResp3;#Class_Chraquahaz2;#Class_STOTSE1;#Class_STOTRE1;#Class_Oral4	GHS09; GHS06; GHS08; Dgr; GHS02; GHS05	H315; H319; H335; H411; H370; H372; H302; H317; H361

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
ethyl vanillin	121-32-4	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Non Hazardous	Not Applicable	Not Applicable
2	Serious Eye Damage/Eye Irritation Category 2; Acute Toxicity (Oral) Category 4; Skin Corrosion/Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Specific Target Organ Toxicity - Single Exposure Category 2; Specific Target Organ Toxicity - Repeated Exposure Category 1	GHS07; Wng; GHS09	H319; H302; H315; H335; H317; H225; H332; H372; H400; H410

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
methyllionone, isomers	1335-46-2	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Hazardous to the Aquatic Environment Long-Term Hazard Category 2	GHS07; Wng	H315; H319; H411
2	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Hazardous to the Aquatic Environment Long-Term Hazard Category 2; Sensitisation (Skin) Category 1; Hazardous to the Aquatic Environment Long-Term Hazard Category 3; Sensitisation (Skin) Category 1B	GHS07; Wng; GHS09	H315; H319; H411; H317

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
methyl anthranilate	134-20-3	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Serious Eye Damage/Eye Irritation Category 2	GHS07; Wng	H319
2	Serious Eye Damage/Eye Irritation Category 2; Skin Corrosion/Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Flammable Solids Category 1	GHS07; GHS02; Dgr	H319; H315; H335; H228

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
p-tolualdehyde	104-87-0	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Toxicity (Oral) Category 4; Serious Eye Damage/Eye Irritation Category 2	GHS07; Wng	H302; H319
2	Acute Toxicity (Oral) Category 4; Serious Eye Damage/Eye Irritation Category 2; Skin Corrosion/Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Acute Toxicity (Dermal) Category 4; Flammable Liquids Category 4	GHS07; Wng	H302; H319; H315; H335; H312; H227

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
benzyl benzoate	120-51-4	607-085-00-9	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Toxicity (Oral) Category 4; Hazardous to the Aquatic Environment Long-Term Hazard Category 2	GHS07; GHS09; Wng	H302; H411
2	Acute Toxicity (Oral) Category 4; Hazardous to the Aquatic Environment Long-Term Hazard Category 2; Hazardous to the Aquatic Environment Acute Hazard Category 1; Acute Toxicity (Oral) Category 2; Hazardous to the Aquatic Environment Long-Term Hazard Category 3; Acute Toxicity (Inhalation) Category 4	GHS07; GHS09; Wng; GHS03	H302; H400; H410

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

Ingredient	CAS number	Index No	ECHA Dossier
ethyl butyrate	105-54-4	Not Available	Not Available

Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Flammable Liquids Category 3	GHS02; Wng	H226
2	Flammable Liquids Category 3; Serious Eye Damage/Eye Irritation Category 2; Skin Corrosion/Irritation Category 2; Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3; Hazardous to the Aquatic Environment Long-Term Hazard Category 2; Acute Toxicity (Oral) Category 4	GHS02; GHS07; Wng; GHS09	H226; H319; H315; H335; H411; H312

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

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Ingredient	CAS number	Index No	ECHA Dossier
hexylene glycol	107-41-5	603-053-00-3	Not Available
Harmonisation (C&L Inventory)	Hazard Class and Category Code(s)		Pictograms Signal Word Code(s) Hazard Statement Code(s)
1	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2		GHS07; Wng H315; H319
2	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Reproductive Toxicity Category 2; Acute Toxicity (Oral) Category 4; Hazardous to the Aquatic Environment Long-Term Hazard Category 3; Specific Target Organ Toxicity - Repeated Exposure Category 2; Sensitisation (Skin) Category 1		GHS08; Wng; GHS05 H315; H319; H361d; H302; H312; H304; H332; H336; H411; H373; H317
1	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2		GHS07; Wng H315; H319
2	Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2		GHS07; Wng H315; H319

Harmonisation Code 1 = The most prevalent classification. Harmonisation Code 2 = The most severe classification.

National Inventory Status

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (benzaldehyde; ethyl methylphenylglycidate; benzyl acetate; ethyl vanillin; methyllionone, isomers; methyl anthranilate; p-tolualdehyde; benzyl benzoate; ethyl butyrate; hexylene glycol)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes
Japan - ENCS	No (methyllionone, isomers)
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	All chemical substances in this product have been designated as TSCA Inventory 'Active'
Taiwan - TCSI	Yes
Mexico - INSQ	No (ethyl methylphenylglycidate; p-tolualdehyde)
Vietnam - NCI	Yes
Russia - FBEPH	No (p-tolualdehyde)
UAE - Control List (Banned/Restricted Substances)	No (benzaldehyde; ethyl methylphenylglycidate; benzyl acetate; ethyl vanillin; methyllionone, isomers; p-tolualdehyde; benzyl benzoate; ethyl butyrate; hexylene glycol)
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.

SECTION 16 Other information

Revision Date	23/06/2026
Initial Date	21/06/2026

Full text Risk and Hazard codes

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H228	Flammable solid.
H272	May intensify fire; oxidiser.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H360D	May damage the unborn child.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

Other information

Ingredients with multiple cas numbers

Name	CAS No
hexylene glycol	107-41-5, 99210-90-9

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:
EN 166 Personal eye-protection
EN 340 Protective clothing

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EN 374 Protective gloves against chemicals and micro-organisms
EN 13832 Footwear protecting against chemicals
EN 133 Respiratory protective devices

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to regulation (EC) No 1272/2008 [CLP] and amendments	Classification Procedure
Acute Toxicity (Oral) Category 4, H302	On basis of test data
Skin Corrosion/Irritation Category 2, H315	Calculation method
Sensitisation (Skin) Category 1B, H317	Calculation method
Serious Eye Damage/Eye Irritation Category 2, H319	Calculation method
Acute Toxicity (Inhalation) Category 4, H332	Expert judgement
Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, H335	Expert judgement
Hazardous to the Aquatic Environment Long-Term Hazard Category 3, H412	Calculation method

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