

Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 02.07.2019

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

- **1.1 Product identifier**
- **Trade name: Paper Joe - Flower**
Paper Joe - Flower - 3 Pack
- **Article number:** LJP003N
- **EuPCS:** PC-AIR-4
- **UFI:** VQCW-6H7X-5Q1F-P78G
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation:** Air Freshener
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Drive Int. AG
Pilatusstrasse 28, 6052 CH-Hergiswil
Tel. +41 (0) 41 511 0304
info@drive-int.ch | www.drive-int.ch
- **1.4 Emergency telephone number:**
+44 (171) 635 91 91 - National Poison Inform. Centre, Medical Toxicology Unit, Avalonley Road, London SE14 5ER
+41 (0) 79 442 0172 (Monday to Friday 9-17 h)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms:**



GHS07



GHS09

- **Signal word:** Warning

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· **Hazard-determining components of labelling:**

cyclamen aldehyde
 dl-citronellol
 lillial
 nerol
 geraniol
 vertocitral
 α-hexylcinnamaldehyde

· **Hazard statements:**

H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements:**

P102 Keep out of reach of children.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards:** -

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Dangerous components:**

CAS: 140-11-4 EINECS: 205-399-7 Reg.nr.: 01-2119638272-42-xxxx	benzyl acetate ----- Aquatic Chronic 3, H412	<6.3%
CAS: 60-12-8 EINECS: 200-456-2 Reg.nr.: 01-2119963921-31-xxxx	2-phenylethanol ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	<2.5%
CAS: 101-84-8 EINECS: 202-981-2 Reg.nr.: 01-2119472545-33-xxxx	diphenyl ether ⚠ Aquatic Chronic 2, H411	<2.5%
CAS: 102-20-5 EINECS: 203-013-1 Reg.nr.: 01-2119949090-42-xxxx	phenethyl phenylacetate ⚠ Aquatic Chronic 2, H411	<2.5%
CAS: 2050-08-0 EINECS: 218-080-2 Reg.nr.: 01-2120771342-58-xxxx	pentyl salicylate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	<2.5%
CAS: 87-20-7 EINECS: 201-730-4 Reg.nr.: 01-2120771342-58-xxxx	isopentyl salicylate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302	<2.5%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119565113-46-xxxx	butylated hydroxytoluene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≤2.5%

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CAS: 103-95-7 EINECS: 203-161-7 Reg.nr.: 01-2119970582-32-xxxx	cyclamen aldehyde ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	<2.4%
CAS: 106-22-9 EINECS: 203-375-0 Reg.nr.: 01-2119453995-23-xxxx	dl-citronellol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	<2.3%
CAS: 80-54-6 EINECS: 201-289-8 Reg.nr.: 01-2119485965-18-xxxx	lilial ⚠ Repr. 2, H361; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	<1.4%
CAS: 106-25-2 EINECS: 203-378-7 Reg.nr.: 01-2119983244-33-xxxx	nerol ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	<1.1%
CAS: 106-24-1 EINECS: 203-377-1 Reg.nr.: 01-2119552430-49-xxxx	geraniol ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<1.1%
CAS: 68039-49-6 EINECS: 268-264-1 Reg.nr.: 01-2119982384-28-xxxx	vertocitral ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	<0.9%
CAS: 101-86-0 EINECS: 202-983-3 Reg.nr.: 01-2119533092-50-xxxx	α-hexylcinnamaldehyde ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	<0.6%
CAS: 81782-77-6 EINECS: 279-815-0 Reg.nr.: 01-2119983528-21-xxxx	violet decenol ⚠ Aquatic Acute 1, H400	<0.3%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. Then consult a doctor.

Remove contact lenses.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed:** -

· **Information for doctor:** -

· **4.3 Indication of any immediate medical attention and special treatment needed:** -

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SECTION 5: Firefighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information:**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
- **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s):** -

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

101-84-8 diphenyl ether

WEL (Great Britain)	Long-term value: 7.1 mg/m ³ , 1 ppm Vapour
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128-37-0 butylated hydroxytolueneWEL (Great Britain) Long-term value: 10 mg/m³

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.
- **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.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	perfumed paper
Colour:	pink
Odour:	Flower
- **Flash point:** Not determined.
- **Flammability (solid, gas):** Not determined.
- **Density:** Not determined.
- **Solubility in / Miscibility with water:** Insoluble.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:**
Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
No further relevant information available.
- **10.6 Hazardous decomposition products:** Irritant gases/vapours

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

· **Acute toxicity:** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

140-11-4 benzyl acetate

Oral	LD50	2490 mg/kg (rat)
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60-12-8 2-phenylethanol

Oral	LD50	2230 mg/kg (rat)
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Dermal	LD50	790 mg/kg (rbt)
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101-84-8 diphenyl ether

Oral	LD50	3370 mg/kg (rat)
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128-37-0 butylated hydroxytoluene

Oral	LD50	≥ 2000 mg/kg (rat)
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106-22-9 dl-citronellol

Oral	LD50	3450 mg/kg (rat)
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Dermal	LD50	2650 mg/kg (rbt)
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· Primary irritant effect:

· **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

· Serious eye damage/irritation:

Causes serious eye irritation.

· CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **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.

SECTION 12: Ecological information

Do not allow to enter sewers/ surface or ground water.

· **12.2 Persistence and degradability:** -

· **12.3 Bioaccumulative potential:** -

· **12.4 Mobility in soil:** -

· Ecotoxicological effects:

· **Remark:** Toxic for fish

· Additional ecological information:

· General notes:

The material is harmful to the environment.

Toxic for aquatic organisms.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

· 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **12.6 Other adverse effects:** -

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**
Smaller quantities of consumed product can be disposed of with household waste.

- **European waste catalogue:**

20 03 01	mixed municipal waste
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- **Uncleaned packaging:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

SECTION 14: Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, IMDG, IATA | UN3077 |
| <ul style="list-style-type: none"> · UN proper shipping name · ADR · IMDG · IATA | <p>Related to special provision SP 335 (UN 3077) this product is not subject to the requirements of ADR ("10 ml rule").</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lilial, diphenyl ether), MARINE POLLUTANT</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lilial, diphenyl ether)</p> |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, IMDG, IATA | <p>9 Miscellaneous dangerous substances and articles.</p> <p>9</p> |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | III |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR): · Special marking (IATA): | <p>Product contains environmentally hazardous substances: isopentyl salicylate</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p> <p>Symbol (fish and tree)</p> |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user: · Danger code (Kemler): · EMS Number: | <p>Warning: Miscellaneous dangerous substances and articles.</p> <p>90</p> <p>F-A,S-F</p> |

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· Stowage Category	A
· Stowage Code	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ):	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· Transport category:	3
· Tunnel restriction code:	E
· IMDG	
· Limited quantities (LQ)	5 kg
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
· UN "Model Regulation":	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (LILIAL, DIPHENYL ETHER), 9, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I:** None of the ingredients is listed.
- **Seveso category** E2 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

- **Relevant phrases:**
 - H302 Harmful if swallowed.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H361 Suspected of damaging fertility or the unborn child.
 - 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.

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H412 Harmful to aquatic life with long lasting effects.

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)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Repr. 2: Reproductive toxicity – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3