

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name

Little Joe Flower (E/N)

Synonyms

Little Joe MINI Blister Flower | Little Joe Flower | Little Joe OK Flower |
Little Dog Flower | Little Joe Flower (E/F) | Little Joe Flower (E/A) |
Little Joe Thumbs Up Flower (E/F) | Little Dog Flower (E) | Little Joya
Springtime



<https://my.chemius.net/p/sHkC08/en/pd/en>

Product code

EN1313

UFI:

77Y2-6EDS-020R-03ND

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

Relevant identified uses

Air freshener.

Uses advised against

No information.

1.3 Details of the supplier of the safety data sheet

Distributor

Drive Int. AG
Pilatusstrasse 28
6052 Hergiswil, Switzerland
+41 (0) 41 511 0304
info@drive-int.ch

Manufacturer

Drive Italy S.r.l.
Via Molinaretti 16
Castelli Calepio BG, Italy
+39 (0) 35 039 0120
info@drive-italy.com

1.4 Emergency Telephone Number

Emergency

111

Distributor

+41 (0) 41 511 0304

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

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

Eye Irrit. 2; H319 Causes serious eye irritation.

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

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)



Signal word: WARNING

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

P102 Keep out of reach of children.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Immediately call a POISON CENTER or doctor/physician.

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 regulation.

Contains:

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

linalyl acetate

1-(cedr-8-en-9-yl)ethanone

(R)-p-mentha-1,8-diene

linalool

isoeugenol

1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

citronellol

7-hydroxycitronellal

Mayol

pin-2(3)-ene

3-p-cumenyl-2-methylpropionaldehyde

coumarin

2.3 Other hazards

PBT/vPvB
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.

Endocrine disrupting properties
The product does not contain substances with the potential for endocrine disorders.

Additional information
No information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
2,2,4,6,6-pentamethylheptane	13475-82-6 236-757-0 - 01- 21194907 25-29	5-10	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 4; H413 EUH066	/	/
2-phenylethanol	60-12-8 200-456-2 - 01- 21199639 21-31	5-10	Acute Tox. 4; H302 Eye Irrit. 2; H319	/	/
1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1222-05-5 214-946-9 603-212-00-7 01- 21194882 27-29	2.5-5	Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
A mixture of: cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol	63500-71-0 405-040-6 603-101-00-3 01- 00000154 58-64	2.5-5	Eye Irrit. 2; H319	/	/

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2 259-174-3 - 01- 21194899 89-04	1-2.5	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 1; H410; M = 1	/	/
linalyl acetate	115-95-7 204-116-4 - 01- 21194547 89-19	1-2.5	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	/	/
1-(cedr-8-en-9-yl)ethanone	32388-55-9 251-020-3 - 01- 21199696 51-28	1-2.5	Skin Sens. 1B; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
methyl anthranilate	134-20-3 205-132-4 - 01- 21204789 41-44	1-2.5	Eye Irrit. 2; H319	/	/
(R)-p-mentha-1,8-diene	5989-27-5 227-813-5 601-096-00-2 01- 21195292 23-47	1-2.5	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 3; H412	/	/
linalool	78-70-6 201-134-4 603-235-00-2 01- 21194740 16-42	1-2.5	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	/	/
isoeugenol	97-54-1 202-590-7 604-094-00-X	0.1-1	Skin Sens. 1A; H317	Skin Sens. 1A; H317; C ≥ 0.01%	/
1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	68155-67-9 268-979-9 -	0.1-1	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 1; H410; M = 1	/	/

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	68155-66-8 268-978-3 -	0.1-1	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 1; H410; M = 1	/	/
citronellol	106-22-9 203-375-0 - 01- 21194539 95-23	0.1-1	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	/	/
7-hydroxycitronellal	107-75-5 203-518-7 - 01- 21199734 82-31	0.1-1	Skin Sens. 1B; H317 Eye Irrit. 2; H319	/	/
Mayol	5502-75-0 939-719-8 - 01- 21199835 32-32	0.1-1	Skin Irrit. 2; H315 Skin Sens. 1B; H317	/	/
pin-2(3)-ene	80-56-8 201-291-9 - 01- 21195192 23-49	0.1-1	Flam. Liq. 3; H226 Acute Tox. 4; H302 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
3-p-cumenyl-2-methylpropionaldehyde	103-95-7 203-161-7 - 01- 21199705 82-32	0.1-1	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 3; H412	/	/
coumarin	91-64-5 202-086-7 - 01- 21199493 00-45	0.01- 0.1	Acute Tox. 4; H302 Skin Sens. 1; H317 Aquatic Chronic 3; H412	/	/

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention.

Following skin contact

Take off all contaminated clothing. Wash affected skin areas immediately with plenty of water and soap. If symptoms develop and persist, seek medical attention.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. In case of doubt or if feeling unwell seek medical help. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

Following skin contact

May cause sensitisation by skin contact (itching, redness, rashes).

Following eye contact

Redness, tearing, pain.

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No special precautions required.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

5.3 Advice for firefighters

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Protective actions

No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

Use personal protective equipment (Section 8).

Precautionary measures

Ensure adequate ventilation.

Emergency procedures

Prevent access to unprotected personnel. Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

No information.

For cleaning up

Take up mechanically and collect in suitable container and dispose according to current regulations. Absorb residues (with inert material), collect it in special container and dispose it according to valid regulations on waste handling. Dispose in accordance with applicable regulations (see Section 13). Ventilate the premises.

Other information

No information.

6.4 Reference to other sections

See also sections 8 and 13.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Keep away from sources of ignition - no smoking.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Avoid release to the environment.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store in accordance with local regulations. Avoid extreme temperatures.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

Do not store in unlabelled containers.

Storage temperature

No information.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

No information.

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values

For product

No information.

For components

No information.

PNEC values

For product

No information.

For components

No information.

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

Personal protective equipment

Eye and face protection

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

If there is a risk of eye contact use safety glasses. Safety glasses with side protection (BS EN ISO 16321-1:2022).

Hand protection

Use only protective gloves with CE-labelling of category III (EN 374). Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The penetration time is determined by the protective glove manufacturer and must be observed.

Appropriate materials

Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Important health, safety and environmental information

Physical state	solid
Shape	liquid impregnated into a solid support
Colour	pink violet
Odour	characteristic
Odour threshold	No information.
Melting/freezing point or softening point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Flash point	> 61 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	substance/mixture is non-polar/aprotic
Viscosity	No information.
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	No information.
Density / weight	No information.
Relative vapour/gas density	No information.
Particle characteristics	No information.

9.2 Other information

Information with regard to physical hazard classes

No information.

Other safety characteristics

No information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Reacts with strong oxidising agents.

10.4 Conditions to avoid

Do not heat above flash point.

10.5 Incompatible materials

Oxidants.

10.6 Hazardous decomposition products

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released. Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

For product

Exposure route	Type	Species	Time	Value	Method	Remark
oral	ATE	/	/	> 2000 mg/kg	/	/
inhalation	ATE	/	4 h	> 20 mg/l	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

No information.

Additional information

The product is not classified as irritating to the skin.

(c) Serious eye damage/irritation

No information.

Additional information

Causes serious eye irritation.

(d) Respiratory or skin sensitisation

No information.

Additional information

May cause an allergic skin reaction.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

For product

The mixture does not contain substances that are included in the list of substances with endocrine disrupting properties established in accordance with Article 59 of the REACH Regulation, in a concentration ≥ 0.1 w/w %. The mixture does not contain substances identified as substances with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration ≥ 0.1 w/w %.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



No information.

Chronic (long-term) toxicity

No information.

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

No information.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)

No information.

Bioconcentration factor (BCF)

No information.

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

12.5 Results of PBT and vPvB 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

For product

The mixture does not contain substances that are included in the list of substances with endocrine disrupting properties established in accordance with Article 59 of the REACH Regulation, in a concentration ≥ 0.1 w/w %. The mixture does not contain substances identified as substances with endocrine disrupting properties according to the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration ≥ 0.1 w/w %.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**
Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

12.7 Other adverse effects

No information.

12.8 Additional information

For product

Toxic to aquatic life with long lasting effects. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Dispose of in accordance with applicable waste disposal regulation. Dispose the product to an authorised collector/remover of waste/company performing waste recovery.

Waste codes / waste designations according to LoW

No information.

Packaging

Dispose of in accordance with applicable waste disposal regulation. Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
UN 3077	UN 3077	UN 3077	UN 3077
14.2 UN proper shipping name			

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

ADR/RID	IMDG	IATA	ADN
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
14.3 Transport hazard class(es)			
9	9	9	9
 	 	 	 
14.4 Packing group			
III	III	III	III
14.5 Environmental hazards			
YES	Marine pollutant	YES	YES
14.6 Special precautions for user			

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

ADR/RID	IMDG	IATA	ADN
Limited quantities 5 kg Special provisions 274, 335, 375, 601 Packing Instructions P002, IBC08, LP02, R001 Special packing provisions PP12, B3 Transport category 3 Tunnel restriction code (-) Classification code M7 *For additional information see below	Limited quantities 5 kg EmS F-A, S-F Flash point 61 °C *For additional information see below	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y956 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 956 Maximum Net Quantity/Package (Max Net Qty/Pkg) 400 kg Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 956 Cargo Aircraft Only, Maximum Net Quantity/Package (CAO, Max Net Qty/Pkg) 400 kg Special provisions A97, A158, A179, A197 Excepted quantities E1 ERG code 9L	Limited quantities 5 kg
14.7 Maritime transport in bulk according to IMO instruments			
	VC1, VC2		

Additional information (ADR)

375: These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

Additional information (IMDG)

As per section 2.10.2.7 of IMDG Code Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provisions of IMDG Code relevant to marine pollutants provided the packagings meet the general provisions as mentioned in sections 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 of IMDG Code.

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**



Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)
not applicable

Ingredients according to Regulation (EC) No 648/2004 on detergents
No information.

Special instructions
Water hazard class 2 (self-assessment): hazardous for water.

15.2 Chemical Safety Assessment

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

SECTION 16: OTHER INFORMATION

Indication of changes

2.3 Other hazards 3.2 Mixtures 4.1 Description of first aid measures 7.2 Conditions for safe storage, including any incompatibilities 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 12.5 Results of PBT and vPvB assessment 14. Transport information

Key literature references and sources for data
No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

GES - Generic Exposure Scenario

GHS - Globally Harmonized System

IATA - International Air Transport Association

ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG - International Maritime Dangerous Goods

IMSBC - International Maritime Solid Bulk Cargoes

IT - Information Technology

IUCLID - International Uniform Chemical Information Database

IUPAC - International Union for Pure Applied Chemistry

JRC - Joint Research Centre

Kow - octanol-water partition coefficient

LC50 - Lethal Concentration to 50 % of a test population

LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)

LE - Legal Entity

LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

LR - Lead Registrant

M/I - Manufacturer / Importer

MS - Member States

MSDS - Material Safety Data Sheet

OC - Operational Conditions

OECD - Organization for Economic Co-operation and Development

OEL - Occupational Exposure Limit

OJ - Official Journal

OR - Only Representative

OSHA - European Agency for Safety and Health at work

PBT - Persistent, Bioaccumulative and Toxic substance

PEC - Predicted Effect Concentration

PNEC(s) - Predicted No Effect Concentration(s)

PPE - Personal Protection Equipment

(Q)SAR - Qualitative Structure Activity Relationship

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

RIP - REACH Implementation Project

RMM - Risk Management Measure

SCBA - Self-Contained Breathing Apparatus

SDS - Safety data sheet

SIEF - Substance Information Exchange Forum

SME - Small and Medium sized Enterprises

STOT - Specific Target Organ Toxicity

(STOT) RE - Repeated Exposure

(STOT) SE - Single Exposure

SVHC - Substances of Very High Concern

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

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.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006



Product name: **Little Joe Flower (E/N)**

Creation date: **25.03.2022**, Revision: **22.01.2025**, Version: **15.1**

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

EUH066 Repeated exposure may cause skin dryness or cracking.



- ✓ Provided correct labelling of the product
- ✓ Compliance with the local legislation
- ✓ Provided correct classification of the product
- ✓ Provided adequate transport data

© [BENS Consulting](https://www.bens-consulting.com) | www.bens-consulting.com

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.