

MATERIAL SAFE DATE SHEET

according to Regulation (EC) No. 1907/2006, 2020/878

Perfumes for interiors FOEN "NO SMOKING"

Date: 28.05.2021

Version EN: 1.0

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

1.1. Product identifier Perfumes for interiors FOEN "NO SMOKING"

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

Identified uses: Air Freshener

Uses advised against: none

1.3. Details of the supplier of the safety data sheet

FOEN Sp. z o.o. sp.k.

ul. Krakowska 29D

50-424 Wrocław

Tel. (+48) 696 766 309

E-mail address of the person responsible for data sheet: info@foen.pl

1.4. Emergency telephone

112 (general emergency telephone number)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acc. to 1272/2008

Flam. Liq. 3; H226

Aquatic Chronic 3; H412

Human health dangers:

None.

Environmental hazards:

Harmful to aquatic life with long lasting effects.

Physic-chemical hazards:

Flammable liquid and vapour.

2.2. Label elements

Pictograms:



Signal Word: Warning

Hazard Statement:

H226 – Flammable liquid and vapour.

H412 – Harmful to aquatic life with long lasting effects.

Precautionary Statement:

P102 – Keep out of reach of children

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P403+P235 – Store in a well-ventilated place. Keep cool.

P501 – Dispose of contents/container to an authorized waste disposal plant

EUH208: Contains Linalool, Benzyl salicylate, Coumarin, Citronellol, (R)-p-mentha-1,8-diene. May produce an allergic reaction.

2.3. Other hazards

Annex XIII - Criteria for the identification of Persistent, Bioaccumulative and Toxic substances (BBT), and very Persistent and very Bioaccumulative substances (vPvB)- not applicable

Substances with endocrine disrupting properties (in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605) – not applicable

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SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable.

3.2. Mixtures

Hazardous components:

Substance name	Contains %	Hazard Class and Category Code(s)	Hazard Statement Code(s) Suppl. Hazard statement Code(s)	- Specific Conc. Limits, - M-factors - ATEs
Ethanol* ⁽¹⁾ CAS No.: 64-17-5 EINECS No.: 200-578-6 Index No.: 603-002-00-5 REACH No.: 01-2119457610-43-XXXX	<50	Flam. Liq. 2 Eye Irrit. 2	H225 H319	Eye Irrit. 2; H319: c>=50%
Isopentyl salicylate CAS No.: 87-20-7 EINECS No.: 201-730-4 Index No.: - REACH No.: -	<2,5	Aquatic Chronic 2	H411	-
Linalool CAS No.: 78-70-6 EINECS No.: 201-134-4 Index No.: 603-235-00-2 REACH No.: -	<1	Skin Sens. 1B	H317	-
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan -1-one CAS No.: 54464-57-2 EINECS No.: 259-174-3 Index No.: - REACH No.: -	<1	Aquatic Chronic 2	H411	-
Benzyl salicylate CAS No.: 118-58-1 EINECS No.: 204-262-9 Index No.: - REACH No.: -	<0,5	Skin Sens. 1 Aquatic Chronic 2	H317 H411	-
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one CAS No.: 1506-02-1 EINECS No.: 216-133-4 Index No.: - REACH No.: 01-2119539433-40-XXXX	<0,5	Acute Tox. 4 Aquatic Chronic 1	H302 H410	-
Benzyl alcohol* CAS No.: 100-51-6 EINECS No.: 202-859-9 Index No.: 603-057-00-5 REACH No.: -	<0,5	Acute Tox. 4 Acute Tox. 4	H302 H332	-
Coumarin CAS No.: 91-64-5 EINECS No.: 202-086-7 Index No.: - REACH No.: -	<0,5	Acute Tox. 4 Skin Sens. 1 STOT RE 2	H302 H317 H373	-
Citronellol CAS No.: 106-22-9 EINECS No.: 203-375-0 Index No.: - REACH No.: 01-2119453995-23-XXXX	<0,5	Skin Irrit. 2 Skin Sens. 1 Eye Irrit. 2	H315 H317 H319	-

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(R)-p-mentha-1,8-diene* CAS No.: 5989-27-5 EINECS No.: 227-813-5 Index No.: 601-029-00-7 REACH No.: -	<0,5	Flam. Liq. 3 Asp. Tox. 1 Skin Irrit. 2 Skin Sens. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H304 H315 H317 H400 H410	-
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Full text of H-phrases in Section 16

* Substance with the highest concentration of occupational exposure allowed at national level.

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact:

Take off contaminated clothing. Wash skin with soap and water. In case of irritation, contact a physician

Eye contact:

Contaminated eyes rinse with open eyelids. Consult a doctor.

Inhalation:

Remove to fresh air. Consult a doctor.

Ingestion:

Rinse mouth with water. Do not induce vomiting! Obtain medical attention. Do not give anything by mouth to unconscious people.

4.2. Most important symptoms and effects, both acute and delayed

The product contains allergens that may cause allergic reactions in contact with the skin.

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

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: dry powder extinguishers, water spray. Use appropriate extinguishing method for conditions.

Unsuitable extinguishing media: Do not use a direct water jet.

5.2. Special hazards arising from the substance or mixture

Flammable liquid and vapour. During the fire, can be released toxic decomposition products.

5.3. Advice for firefighters

In the event of a fire in a confined space should wear protective clothing and breathing apparatus with compressed air. Do not allow fire-fighting water run-off into surface water, groundwater and sewer.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: notify the appropriate service. Reduce access to the area of failure until the relevant cleaning operations have been completed. Remove all sources of ignition.

For emergency responders: Ensure adequate ventilation. Avoid skin and eye contamination.

6.2. Environmental precautions

Do not allow large amounts of this product to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Prevent leakage and absorb with inert, absorbent material. The contaminated material is placed in properly labeled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections

Refer to protective measures listed in section 8.

Refer to disposal considerations listed in section 13.

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

Avoid contact with eyes and skin.

Avoid sources of ignition, high temperature, hot surfaces and open fire.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area in a properly labeled tightly sealed original container.

Keep away from heat and hot surfaces. Avoid direct sunlight and sources of heat, hot surfaces and open flames.

Do not store together with foodstuffs, beverages and animal feeds.

7.3. Specific end use(s)

See section 1.2. - no additional recommendations

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Occupational exposure limit values:

Substance	Ethanol			
	CAS No. 64-17-5			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	1000	1880		
Austria	1000	1900	2000	3800
Belgium	1000	1907		
Canada – Ontario			1000	
Canada – Québec	1000	1880		
Denmark	1000	1900	2000	3800
Finland	1000	1900	1300 (1)	2500 (1)
France	1000	1900	5000	9500
Germany (AGS)	200	380	800 (1)	1520 (1)
Germany (DFG)	200	380	800 (1)	1520 (1)
Hungary		1900		7600
Ireland			1000 (1)	
Latvia		1000		
New Zealand	1000	1880		
Poland		1900		
Romania	1000	1900	5000 (1)	9500 (1)
Singapore	1000	1880		
South Korea	1000	1900		
Spain			1000	1910
Sweden	500	1000	1000 (1)	1900 (1)
Switzerland	500	960	1000	1920
The Netherlands		260		1900
USA – NIOSH	1000	1900		
USA – OSHA	1000	1900		
United Kingdom	1000	1920		
	Remarks			
Finland	(1) 15 minutes average value			

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Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	(1) 15 minutes average value
Ireland	(1) 15 minutes reference period
Romania	(1) 15 minutes average value
Sweden	(1) 15 minutes average value

Substance	Benzyl alcohol			
CAS No.	100-51-6			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Finland	10	45		
Germany (AGS)	5 (1)	22 (1)	10 (1)(2)	44 (1)(2)
Germany (DFG)	5 (1)(2)	22 (1)(2)	10 (1)(2)(3)	44 (1)(2)(3)
Latvia		5		
Poland		240		
Switzerland	5	22		
	Remarks			
Germany (AGS)	(1) Inhalable fraction and vapour (2) 15 minutes average value			
Germany (DFG)	(1) Inhalable fraction and vapour (2) Skin (3) 15 minutes average value			

Substance	D-Limonene			
CAS No.	5989-27-5			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Finland	25	140	50 (1)	280 (1)
Germany (AGS)	5 (1)	28 (1)	20 (1)(2)	110 (1)(2)
Germany (DFG)	5 (1)	28 (1)	20 (1)(2)	112 (1)(2)
Norway	25	140		
Spain	30 (1)	168 (1)		
Switzerland	7	40	14 (1)	80 (1)
	Remarks			
Finland	(1) 15 minutes average value			
Germany (AGS)	(1) Skin (2) 15 minutes average value			
Germany (DFG)	(1) Skin (2) 15 minutes average value			
Spain	(1) Skin			
Switzerland	(1) 15 minutes average value			

EthanolDNEL worker, inhalation, long-term, systemic: 950 mg/m³DNEL worker, inhalation, short-term, systemic: 1900 mg/m³

DNEL worker, dermal, long-term, systemic: 343 mg/kg/day

DNEL consumer, inhalation, long-term, systemic: 114 mg/m³DNEL consumer, inhalation, short-term, systemic: 950 mg/m³

PNEC fresh water: 0,96mg/l

PNEC marine water: 0,79mg/l

PNEC intermediate release: 2,75mg/l

PNEC STP: 580mg/l

PNEC sediment fresh water: 3,6mg/kg

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PNEC sediment marine water: 2,9mg/kg

PNEC soil: 0,63mg/kg

8.2. Exposure controls

Engineering controls:

No special recommendations.

Good ventilation is recommended.

Individual protection measures, such as personal protective equipment:

Eye protection:

Not required. Avoid eye contact.

Skin protection:

Hands:

Not required. Avoid contact with skin. Wash your hands after use.

Other:

It is not required.

Respiratory Protection:

It is not required.

Thermal hazards:

Not applicable.

Environmental exposure controls:

Prevent the spread large quantities in the environment and enter drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Physical state	Liquid
b)	Colour	No date available
c)	Odour	Characteristic for perfume composition
d)	Melting point/freezing point (Does not apply to gases)	-114°C (ethanol)
e)	Boiling point or initial boiling point and boiling range	78°C (ethanol)
f)	Flammability (Applies to gases, liquids and solids)	Flammable liquid
g)	Lower and upper explosion limit (Do not apply to solids)	Lower: 3,3%vol. (ethanol) Upper: 19%vol. (ethanol)
h)	Flash point (Does not apply to gases, aerosols and solids)	>23°C
i)	Auto-ignition temperature (Only applies to gases and liquids)	425°C (ethanol)
j)	Decomposition temperature (Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose)	Not applicable
k)	pH (Does not apply to gases)	No date available
l)	Kinematic viscosity (Only applies to liquids)	No date available

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m)	Solubility	Miscible in water
n)	Partition coefficient n-octanol/water (log value)	Not applicable - mixture
o)	Vapour pressure	59hPa at 20°C (ethanol)
p)	Density and/or relative density (Only apply to liquids and solids)	No date available
q)	Relative vapour density (Only applies to gases and liquids)	No date available
r)	Particle characteristics (Only apply to solids)	Not applicable

9.2. Other information

No other information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive.

10.2. Chemical stability

Stable under normal conditions of use, storage and transport.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

No hazardous decomposition products under normal conditions of use and storage.

Thermal decomposition products – see section 5.

SECTION 11: Toxicological information

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

a)	Acute toxicity	Based on the available data, the classification criteria are not met
b)	Skin corrosion/irritation	Based on the available data, the classification criteria are not met
c)	Serious eye damage/irritation	Based on the available data, the classification criteria are not met
d)	Respiratory or skin sensitization	Based on the available data, the classification criteria are not met
e)	Germ cell mutagenicity	Based on the available data, the classification criteria are not met
f)	Carcinogenicity	Based on the available data, the classification criteria are not met
g)	Reproductive toxicity	Based on the available data, the classification criteria are not met
h)	STOT-single exposure	Based on the available data, the classification criteria are not met

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i)	STOT-repeated exposure	Based on the available data, the classification criteria are not met
j)	Aspiration hazard	Based on the available data, the classification criteria are not met

Ethanol

LD50 (oral, rat): 7060mg/kg

LD50 (oral, mouse): 3450mg/kg

LD50 (oral, rabbit): 6300mg/kg

LC50 (inhalation, rat): 20000ppm, 10h

LC50 (inhalation, mouse): 39mg/m³, 4h

11.2. Information on other hazards

Endocrine disrupting properties

None.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Ethanol

Fish (*Oncorhynchus mykiss*) LC50: 12900 - 15300mg/l, 96h

Microorganisms (*Ps. putida*): EC50: 34900mg/l, 5-30min.

12.2. Persistence and degradability

No date available.

12.3. Bioaccumulative potential

No date available.

12.4. Mobility in soil

No date available.

12.5. Results of PBT and vPvB assessment

Substances in the mixture do not meet the criteria for classification as PBT or vPvB in accordance with Annex XIII of REACH.

12.6. Endocrine disrupting properties

No substances with endocrine disrupting properties.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product: Small quantities can be disposed with household waste. Dispose of in accordance with local regulations.

Recommendations for used packaging: Recycle / dispose of packaging waste in accordance with applicable regulations.

Waste codes:

14 06 03* Other solvents and solvent mixtures

15 01 02 Plastic packaging

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

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SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1. UN number or ID number	1993	1993	1993	1993
14.2. UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL))	FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL))	FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL))	Flammable liquid, n.o.s. (Ethanol)
14.3. Transport hazard class(es)	3 Label: 3 	3 Label: 3 	3 Label: 3 	3 Label: 3 
14.4. Packing group	III	III	III	III
14.5. Environmental hazards	No	No	No	No
14.6. Special precautions for user	Kemler Code: 33 Limited quantities LQ: 5L · Excepted quantities EQ: E1 · Transport category: 3 Code Tunnel restriction: D/E	-	· Limited quantities (LQ): 5L · Excepted quantities (EQ) Code: E1 EmS: F-E, S-E	-
14.7. Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable	Not applicable

UN "Model Regulation": UN 1993 FLAMMABLE LIQUID, N.O.S. (ETHANOL (ETHYL ALCOHOL)), 3, III

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

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
4. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

15.2. Chemical safety assessment

No chemical safety assessments.

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- List of substances subject to authorization (REACH; Annex XIV): not applicable
- Candidate list of SVHCs: not applicable
- Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (REACH; Annex XVII): not applicable

SECTION 16: Other information

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

H225 – Highly flammable liquid and vapour
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
H332 – Harmful if inhaled
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
H412 – Harmful to aquatic life with long lasting effects
Flam. Liq. 2 – Flammable liquid cat. 2
Flam. Liq. 3 – Flammable liquid cat. 3
Acute Tox. 4 – Acute toxicity cat. 4
Asp. Tox. 1 – Aspiration hazard cat. 1
Skin Irrit. 2 – Skin irritation cat. 2
Skin Sens. 1 – Skin sensitization cat. 1
Skin Sens. 1B – Skin sensitization cat. 1B
Eye Irrit. 2 – Eye irritation cat. 2
STOT RE 2 – Specific target organ toxicity - repeated exposure cat. 2
Aquatic Acute 1 – Hazardous to the aquatic environment cat. 1
Aquatic Chronic 1 – Hazardous to the aquatic environment cat. 1
Aquatic Chronic 2 – Hazardous to the aquatic environment cat. 2
Aquatic Chronic 3 – Hazardous to the aquatic environment cat. 3
DNEL – Derived No-Effect Level
PNEC – Predicted No-Effect Concentration
LD50 – lethal dose, 50%
LC50 – lethal concentration, 50%
EC50 – effective concentration, 50%
PBT – Persistent, Bioaccumulative and Toxic
vPvB – very Persistent and very Bioaccumulative
ADR – International Carriage of Dangerous Goods by Road
RID – International Carriage of Dangerous Goods by Rail
IMDG – International Maritime Dangerous Goods
ICAO – Safe Transport of Dangerous Goods by Air

Classification procedure:

Flam. Liq. 3; H226 - flash point value
Aquatic Chronic 3; H412 - calculation method

Training:

Before working on the product, please read the safety rules regarding the handling of chemicals, and in particular take proper workplace training. Persons working on hazardous materials transport under ADR should be adequately trained in their duties (general, occupational and safety).

RESOURCES

Annex to Regulation (EU) 2020/878.
Current legislation (Section 15).

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Information Agency for Chemical Substances.

The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this MSDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.