

# MATERIAL SAFETY DATA SHEET

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

## Perfumes for interiors FOEN "BUBBLE GUM"

Date: 23.10.2023

Version EN: 2.0

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

**1.1. Product identifier** Perfumes for interiors FOEN "BUBBLE GUM"

**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 SCENT Sp. z o.o.

ul. Krakowska 29D

50-424 Wrocław

Tel. (+48) 600305308

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

**Human health dangers:**

None.

**Environmental hazards:**

None.

**Physic-chemical hazards:**

Flammable liquid and vapour.

**2.2. Label elements**

**Pictograms:**



**Signal Word:** Warning

**Hazard Statement:**

**H226** – Flammable liquid and vapour.

**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 Ethyl 2,3-epoxy-3-phenylbutyrate. 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):

The mixture has no substances that meet the criteria for classification as PBT or vPvB.

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):

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The mixture has no substances with endocrine disrupting properties.

### 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* CAS No.: 64-17-5 EC 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 acetate* CAS No.: 123-92-2 EC No.: 204-662-3 Index No.: 607-130-00-2 REACH No.: 01-2119548408-32-XXXX	1,5 - <5	Flam. Liq. 3	H226 EUH066	-
Ethyl 2,3-epoxy-3-phenylbutyrate CAS No.: 77-83-8 EC No.: 201-061-8 Index No.: - REACH No.: 01-2119967770-28-XXXX	0,5 - <1	Skin Sens. 1B Aquatic Chronic 2	H317 H411	-
Benzaldehyde* CAS No.: 100-52-7 EC No.: 202-860-4 Index No.: 605-012-00-5 REACH No.: 01-2119455540-44-XXXX	0,1 - <0,5	Acute Tox. 4 Acute Tox. 4 Eye Irrit. 2 STOT SE 3	H302 H332 H319 H335	-

Full text of H-phrases in Section 16

\* the 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

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**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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin.

Handle the product carefully.

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 labelled 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
Australia	1000	1880		
Austria	1000	1900	2000	3800
Belgium	1000	1907		
Canada – Ontario			1000	
Canada – Québec	1000	1880		
Denmark	1000	1900	2000	3800

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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
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	iso-Pentyl acetate			
CAS No.	123-92-2			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Australia	50	270	100	541
Belgium	50	270	100 (1)	540 (1)
Canada - Ontario	50		100	
Canada - Québec	50		100 (1)	
Denmark	50	271	100 (1)	532 (1)
European Union	50	270	100 (1)	540 (1)
Finland	50	270	100 (1)	540 (1)
France	50	270	100	540
Germany (AGS)	50	270	50 (1)	270 (1)
Germany (DFG)	50	270	50 (1)	270 (1)
Hungary		270		540 (1)
Ireland	50	260	100 (1)	520 (1)
Italy	50	270	100 (1)	540 (1)
Japan (MHLW)	50			
Japan (JSOH)	50	266,3		
	100 (1)	532,5 (1)		
Latvia	50	270	100 (1)	540 (1)
New Zealand	100	532		
Norway	50	260		
Poland		250		500 (1)
Romania	50	270	100 (1)	540 (1)
Singapore	100	532		
South Africa	100		200 (1)	
South AfricaMining	50	262	100 (1)	525 (1)
South Korea	50		100 (1)	
Spain	50	270	100 (1)	540 (1)
Sweden	100	500	150	800
Switzerland	50	260	50	260
The Netherlands			98,1 (1)	530 (1)

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Turkey	50	270	100 (1)	540 (1)
USA - NIOSH	100	525		
USA - OSHA	100	525		
United Kingdom	50	270	100	541
	Remarks			
Belgium	(1) 15 minutes average value			
Canada - Québec	(1) 15 minutes average value			
Denmark	(1) 15 minutes average value			
European Union	(1) 15 minutes average value Bold-type: Indicative Occupational Exposure Limit Value (IOELV) ~ (for references see bibliography)			
Finland	(1) 15 minutes average value			
France	Bold type: Restrictive statutory limit values			
Germany (AGS)	(1) 15 minutes average value			
Germany (DFG)	(1) 15 minutes average value			
Hungary	(1) 15 minutes average value			
Ireland	(1) 15 minutes reference period			
Italy	(1) 15 minutes average value			
Japan (JSOH)	(1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day			
Latvia	(1) 15 minutes average value			
Poland	(1) 15 minutes average value			
Romania	(1) 15 minutes average value			
South Africa	(1) 15 minutes average value			
South Africa Mining	(1) 15 minutes average value			
South Korea	(1) 15 minutes average value			
Spain	(1) 15 minutes average value			
The Netherlands	(1) 15 minutes average value			
Turkey	(1) 15 minutes average value			

<b>Substance</b>	<b>Benzaldehyde</b>			
<b>CAS No.</b>	<b>100-52-7</b>			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Canada - Ontario			4	17
Finland	1	4,4	4 (1)	17,4 (1)
Hungary		3,25 (1)		
Latvia		5		
Poland		10		40 (1)
	Remarks			
Finland	(1) Ceiling limit value			
Hungary	(1) Skin			
Poland	(1) 15 minutes average value			

**Ethanol**DNEL worker, inhalation, long-term, systemic: 950 mg/m<sup>3</sup>DNEL worker, inhalation, short-term, systemic: 1900 mg/m<sup>3</sup>

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

DNEL consumer, inhalation, long-term, systemic: 114 mg/m<sup>3</sup>DNEL consumer, inhalation, short-term, systemic: 950 mg/m<sup>3</sup>

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

PNEC sediment marine water: 2,9mg/kg

PNEC soil: 0,63mg/kg

**8.2. Exposure controls****Engineering controls:**

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No special recommendations.

Good ventilation is recommended.

Observe occupational health and safety.

Wash hands during breaks and after working with the product.

Do not eat, drink or smoke while handling the product.

Take off contaminated clothing and wash it before reuse.

### Individual protection measures, such as personal protective equipment:

Personal protective equipment should be selected according to the hazards present at the workplace, taking into account Regulation (EU) 2016/425 of the European Parliament and of the Council and in accordance with the relevant CEN standards.

#### 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)	24°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

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k)	pH (Does not apply to gases)	No date available
l)	Kinematic viscosity (Only applies to liquids)	No date available
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

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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
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/m<sup>3</sup>, 4h

### 11.2. Information on other hazards

#### Endocrine disrupting properties

None.

## SECTION 12: Ecological information

### 12.1. Toxicity

The mixture is not classified as hazardous to the environment.

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

### Ethanol

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

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

### 12.2. Persistence and degradability

For the mixture: no information available

### 12.3. Bioaccumulative potential

For the mixture: no information available

### 12.4. Mobility in soil

For the mixture: no information available

### 12.5. Results of PBT and vPvB assessment

The mixture has no substances that meet the criteria for classification as PBT or vPvB.

### 12.6. Endocrine disrupting properties

The mixture has 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:



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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 as amended

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

**SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
<b>14.1. UN number or ID number</b>	1993	1993	1993	1993
<b>14.2. UN proper shipping name</b>	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)
<b>14.3. Transport hazard class(es)</b>	3 Label: 3 	3 Label: 3 	3 Label: 3 	3 Label: 3 
<b>14.4. Packing group</b>	III	III	III	III
<b>14.5. Environmental hazards</b>	No	No	No	No
<b>14.6. Special precautions for user</b>	Classification code: F1 Limited quantities LQ: 5L Excluded quantities: E1 Hazard identification number: 30 Transport category: 3 Tunnel restriction code: D/E	Classification code: F1 Limited quantities LQ: 5L Excluded quantities: E1	LQ: 5L EmS: F-E, <u>S-E</u> Stowage and handling: Category A Segregation: -	<b>Passenger Aircraft (PAX)</b> IATA LTD QTY Pkg Inst: Y344 IATA LTD QTY Max Qty per Pkg: 10L IATA Pkg Inst: 355 Max Capacity per inner receptacle: 5L Max Net Qty per Pkg: 30L <b>Cargo Aircraft (CAO)</b> Cargo Air Packing Inst: 366 Cargo Air Max : 30L IATA Special Prov: A3
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	No date available			

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:**

- 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

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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 as amended.

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 as amended.
4. Regulation (EU) 2016/425 of The European Parliament and of The Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC
5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
6. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
9. Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
10. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives as amended
11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended

### **15.2. Chemical safety assessment**

No chemical safety assessments.

- 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.  
**H317** – May cause an allergic skin reaction  
**H319** – Causes serious eye irritation  
**H332** – Harmful if inhaled.  
**H335** – May cause respiratory irritation.  
**H411** – Toxic to aquatic life with long lasting effects.  
**EUH066** – Repeated exposure may cause skin dryness or cracking  
**Flam. Liq. 2** – Flammable liquid cat. 2  
**Flam. Liq. 3** – Flammable liquid cat. 3  
**Acute Tox. 4** – Acute toxicity cat. 4  
**Repr. 2** – Reproductive toxicity cat. 2  
**Skin Sens. 1B** – Skin sensitization cat. 1B  
**Eye Irrit. 2** – Eye irritation cat.2  
**STOT SE 3** – Specific target organ toxicity - single exposure cat. 3  
**Aquatic Chronic 2** – Hazardous to the aquatic environment cat. 2

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**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	Based on flash point value
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### Changes to the previous version

Section	Changes
Section 3	Change of composition of the mixture
Section 2, 3, 9, 11, 12, 14	Change in accordance with Reg. 2020/878
Section 15	Change of regulations

### 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).

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.*