

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 31/10/2018 Revision date: 02/04/2021 Supersedes version of: 18/02/2020 Version: 2.2

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

1.1. Product identifier

Product form : Mixture

Trade name : EVO FLUORESCENT
UFI : QT10-H0S7-R00U-QNM5
Product code : EVO FLUORESCENT

Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Intended for general public

Use of the substance/mixture : Spraying paint (spray can)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Novasol Spray, S.A.

P.I.: Empalme - C/ Empalme, 27 43712 Llorenç del Penedès - Spain T +34 977 677 305 - F +34 977 678 072

novasol@novasolspray.com - www.novasolspray.com

1.4. Emergency telephone number

Emergency number : +34 977 677 305

Office hours: Monday-Friday 8:30 AM-6:00 PM GMT+1

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP)





GHS07

Signal word (CLP) : Danger

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains : n-butyl acetate; ethyl acetate; butanone; ethyl methyl ketone; Hydrocarbons, C9-C11, n-

alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use. P271 - Use only outdoors or in a well-ventilated area.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P405 - Store locked up.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

Child-resistant fastening : Not applicable Tactile warning : Not applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
butanone; ethyl methyl ketone substance with a Community workplace exposure limit	CAS-No.: 78-93-3 EC-No.: 201-159-0 EC Index-No.: 606-002-00-3 REACH-no: 01-2119457290-	≥ 5 - < 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
n-butyl acetate substance with a Community workplace exposure limit	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1 REACH-no: 01-2119485493-	< 15	Flam. Liq. 3, H226 STOT SE 3, H336
ethyl acetate substance with a Community workplace exposure limit	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5 REACH-no: 01-2119475103-	< 15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	EC-No.: 919-857-5 REACH-no: 01-2119463258- 33	< 15	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
xylene substance with a Community workplace exposure limit (Note C)	CAS-No.: 1330-20-7 EC-No.: 215-535-7 EC Index-No.: 601-022-00-9	≥ 1 – < 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethylbenzene substance with a Community workplace exposure limit	CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4 REACH-no: 01-2119489370- 35	< 3	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
2-methoxy-1-methylethyl acetate substance with a Community workplace exposure limit	CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7 REACH-no: 01-2119475791-	<1	Flam. Liq. 3, H226

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Eye irritation.

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 : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Mechanically recover the product.

Other information

: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

n-butyl acetate (123-86-4)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name n-Butyl acetate		
IOEL TWA	241 mg/m³	
IOEL STEL	723 mg/m³	
IOEL STEL [ppm]	150 ppm	
Regulatory reference	COMMISSION DIRECTIVE (EU) 2019/1831	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ethyl acetate (141-78-6) EU - Indicativo Occupational Exposure Limit (IOEL) Local name Eithyl acetate IOEL TWA 734 mg/m² IOEL STEL 1468 mg/m² OEL STEL (ppml) 400 ppm Regulatory reference COMMISSION DIRECTIVE (EU) 2017/164 2-methoxy-1-methylethyl acetate (108-65-6) EU - Indicative Occupational Exposure Limit (IOEL) Local name 2-Methoxy-1-methylethylacetate IOEL TWA 275 mg/m² IOEL STEL \$50 mg/m² IOEL STEL (ppml) 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/38/EC butanone; ethyl methyl kotone (78-93-3) EU - Indicative Occupational Exposure Limit (IOEL) Local name Butanone IOEL TWA 600 mg/m² IOEL STEL 900 mg/m² IOEL STEL (ppml) 300 ppm Regulatory reference COMMISSION DIRECTIVE 2000/38/EC Valence (1330-20-7) EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL STEL (ppml) 300 ppm					
Decision Ethyl accitate Column	ethyl acetate (141-78-6)				
IOEL STEL 1488 mg/m² 1488	EU - Indicative Occupational Exposure Limit (IOEL)				
IOEL STEL 1468 mg/m² 1409 ppm 1409 p	Local name	Ethyl acetate			
IOEL STEL [ppm]	IOEL TWA	734 mg/m³			
COMMISSION DIRECTIVE (EU) 2017/164	IOEL STEL	1468 mg/m³			
2-methoxy-1-methylethyl acetate (108-65-6)	IOEL STEL [ppm]	400 ppm			
EU - Indicative Occupational Exposure Limit (IOEL)	Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164			
Local name 2-Methoxy-1-methylethylacetate IOEL TWA 275 mg/m³ IOEL STEL 550 mg/m³ 100 ppm 100 ppm Notes Skin COMMISSION DIRECTIVE 2000/39/EC Dutanone; ethyl methyl ketone (78-93-3) EU - Indicative Occupational Exposure Limit (IOEL) Local name Butanone Butanone IOEL STEL 900 mg/m³ IOEL STEL 900 mg	2-methoxy-1-methylethyl acetate (108-65-6)				
IOEL TWA	EU - Indicative Occupational Exposure Limit (IOEL)				
IOEL STEL	Local name	2-Methoxy-1-methylethylacetate			
IOEL STEL [ppm] 100 ppm	IOEL TWA	275 mg/m³			
Notes Skin	IOEL STEL	550 mg/m³			
Regulatory reference COMMISSION DIRECTIVE 2000/39/EC butanone; ethyl methyl ketone (78-93-3) EU - Indicative Occupational Exposure Limit (IOEL) Local name Butanone IOEL TWA 600 mg/m³ IOEL STEL 900 mg/m³ IOEL STEL 1000 mg/m³ Regulatory reference COMMISSION DIRECTIVE 2000/39/EC xylene (1330-20-7) EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m³ IOEL STEL 442 mg/m³ IOEL STEL 100 ppm 100 pp	IOEL STEL [ppm]	100 ppm			
butanone; ethyl methyl ketone (78-93-3) EU - Indicative Occupational Exposure Limit (IOEL) Local name Butanone (OEL TWA 600 mg/m² (OEL STEL 900 mg/m² 100L STEL [ppm] Regulatory reference COMMISSION DIRECTIVE 2000/39/EC xylene (1330-20-7) EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m² IOEL STEL 442 mg/m² IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m² IOEL STEL Local name Ethylbenzene IOEL TYA 442 mg/m² IOEL STEL 884 mg/m² IOEL STEL 884 mg/m² IOEL STEL 10EL STEL 890 mg/m² 100 ppm Notes Skin	Notes	Skin			
EU - Indicative Occupational Exposure Limit (IOEL) Local name	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC			
Local name Butanone Butanone GOL TWA GOU mg/m³	butanone; ethyl methyl ketone (78-93-3)				
IOEL TWA	EU - Indicative Occupational Exposure Limit (IOEL)				
IOEL STEL	Local name	Butanone			
IOEL STEL [ppm] 300 ppm	IOEL TWA	600 mg/m³			
Regulatory reference COMMISSION DIRECTIVE 2000/39/EC xylene (1330-20-7) EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m³ IOEL STEL 442 mg/m³ IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	IOEL STEL	900 mg/m³			
xylene (1330-20-7) EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m³ IOEL STEL 442 mg/m³ IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	IOEL STEL [ppm]	300 ppm			
EU - Indicative Occupational Exposure Limit (IOEL) Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m³ IOEL STEL 442 mg/m³ IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC			
Local name Xylene, mixed isomers, pure IOEL TWA 221 mg/m³ IOEL STEL 442 mg/m³ IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	xylene (1330-20-7)				
IOEL TWA	EU - Indicative Occupational Exposure Limit (IOEL)				
IOEL STEL	Local name	Xylene, mixed isomers, pure			
IOEL STEL [ppm] 100 ppm Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	IOEL TWA	221 mg/m³			
Notes Skin Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	IOEL STEL	442 mg/m³			
Regulatory reference COMMISSION DIRECTIVE 2000/39/EC ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	IOEL STEL [ppm]	100 ppm			
ethylbenzene (100-41-4) EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	Notes	Skin			
EU - Indicative Occupational Exposure Limit (IOEL) Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC			
Local name Ethylbenzene IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	ethylbenzene (100-41-4)				
IOEL TWA 442 mg/m³ IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	EU - Indicative Occupational Exposure Limit (IOEL)				
IOEL STEL 884 mg/m³ IOEL STEL [ppm] 200 ppm Notes Skin	Local name	Ethylbenzene			
IOEL STEL [ppm] 200 ppm Notes Skin	IOEL TWA	442 mg/m³			
Notes Skin	IOEL STEL	884 mg/m³			
	IOEL STEL [ppm]	200 ppm			
Regulatory reference COMMISSION DIRECTIVE 2000/39/EC	Notes	Skin			
	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC			

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

eye protection (EN166)

8.2.2.2. Skin protection

Hand protection:

Butyl rubber gloves (EN 374)

8.2.2.3. Respiratory protection

Respiratory protection:

If vapour is released : Disposable half mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : Various.

Odour No data available Odour threshold No data available No data available рΗ Relative evaporation rate (butylacetate=1) No data available Melting point : Not applicable Freezing point : No data available Boiling point : < 0 °C Aerosol jet : < -60 °C Aerosol jet Flash point Auto-ignition temperature : No data available Decomposition temperature : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapour pressure : No data available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Relative vapour density at 20 °C : No data available Relative density : No data available Solubility : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available

Explosive properties : Pressurised container: May burst if heated.

Oxidising properties : No data available Explosive limits : No data available

9.2. Other information

 Not volatile
 : 18 wt%

 VOC content
 : 82 wt%

 VOC content
 : 620 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

n-butyl acetate (123-86-4) LD50 oral 10760 I D50 dermal > 14112 LC50 Inhalation - Rat 23,4 ethyl acetate (141-78-6) LD50 oral rat 4100 mg/kg LD50 dermal rabbit 20000 mg/kg LC50 Inhalation - Rat > 44 g/m³ LC50 Inhalation - Rat (Vapours) 22,5 mg/l/4h

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2-methoxy-1-methylethyl acetate (108-65-6)	
LD50 oral rat	8532 mg/kg
LD50 dermal rat	5100
LC50 Inhalation - Rat	> 10,8
LC50 Inhalation - Rat (Vapours)	30 mg/l/4h
butanone; ethyl methyl ketone (78-93-3)	
LD50 oral rat	4000 mg/kg
LD50 dermal rabbit	6400 mg/kg
LC50 Inhalation - Rat	23,5 mg/l/4h
Hydrocarbons, C9-C11, n-alkanes, isoalkanes	, cyclics, < 2% aromatics
LD50 oral rat	5100 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	> 5000
LC50 Inhalation - Rat	4951
xylene (1330-20-7)	
LD50 dermal rabbit	12126 mg/kg bodyweight Animal: rabbit, Animal sex: male
ethylbenzene (100-41-4)	
LD50 oral	3500
LC50 Inhalation - Rat	17,2
Serious eye damage/irritation : Respiratory or skin sensitisation : Germ cell mutagenicity :	Not classified Not classified Not classified Not classified Not classified Not classified
xylene (1330-20-7)	
IARC group	3 - Not classifiable
ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
•	Not classified May cause drowsiness or dizziness.
n-butyl acetate (123-86-4)	
STOT-single exposure	May cause drowsiness or dizziness.
ethyl acetate (141-78-6)	
STOT-single exposure	May cause drowsiness or dizziness.
butanone; ethyl methyl ketone (78-93-3)	
STOT-single exposure	May cause drowsiness or dizziness.
Hydrocarbons, C9-C11, n-alkanes, isoalkanes	, cyclics, < 2% aromatics
STOT-single exposure	May cause drowsiness or dizziness.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

STOT-repeated exposure :	Not classified
xylene (1330-20-7)	
LOAEL (oral, rat, 90 days)	150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
ethylbenzene (100-41-4)	
NOAEL (oral, rat, 90 days)	75 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity in Rodents)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard :	Not classified
EVO FLUORESCENT	
Vaporizer	Aerosol

SECTION 12: Ecological information

				ity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

: Not classified

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

chone)				
2-methoxy-1-methylethyl acetate (108-65-6)				
LC50 96h fish (1)	161 mg/l			
EC50 - Crustacea [1]	481 mg/l			
butanone; ethyl methyl ketone (78-93-3)				
LC50 96h fish (1)	3220 mg/l			
EC50 - Crustacea [1]	5091 mg/l			
xylene (1330-20-7)				
LC50 96h fish (1)	2,6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)			
EC50 - Crustacea [1]	> 3,4 mg/l Test organisms (species): Ceriodaphnia dubia			
NOEC chronic fish	> 1,3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d'			
ethylbenzene (100-41-4)				
LC50 96h fish (1)	5,1 mg/l Test organisms (species): Menidia menidia			
EC50 72h - Algae [1]	4,9 mg/l Test organisms (species): Skeletonema costatum			
EC50 72h - Algae [2]	5,4 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)			
EC50 96h - Algae [1]	7,7 mg/l Test organisms (species): Skeletonema costatum			
EC50 96h - Algae [2]	3,6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)			
LOEC (chronic)	1,7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'			
NOEC (chronic)	0,96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'			

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

2-methoxy-1-methylethyl acetate (108-65-6)		
BCF - Fish [1]	1	
Partition coefficient n-octanol/water (Log Pow)	0,43	

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

ADR	IMDG	IATA				
14.1. UN number	I4.1. UN number					
UN 1950	UN 1950 UN 1950					
14.2. UN proper shippin	g name					
AEROSOLS	AEROSOLS	Aerosols, flammable				
Transport document descr	iption					
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1				
14.3. Transport hazard o	class(es)					
2.1	2.1	2.1				
2	2	2				
14.4. Packing group						
Not applicable	Not applicable	Not applicable				
14.5. Environmental haz	14.5. Environmental hazards					
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No				
No supplementary information	No supplementary information available					

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.6. Special precautions for user

Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR): MP9Transport category (ADR): 2Special provisions for carriage - Packages (ADR): V14Special provisions for carriage - Loading, unloading: CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2 Tunnel restriction code (ADR) : D

Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)		
Reference code Applicable on		
3(a)	n-butyl acetate; ethyl acetate; 2-methoxy-1-methylethyl acetate; butanone; ethyl methyl ketone; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; xylene; ethylbenzene	
3(b)	n-butyl acetate; ethyl acetate; butanone; ethyl methyl ketone; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; xylene; ethylbenzene	
3(c)	ethylbenzene	
40.	n-butyl acetate; ethyl acetate; 2-methoxy-1-methylethyl acetate; butanone; ethyl methyl ketone; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics; xylene	

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 82 wt%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

Indication of changes				
Section	Changed item	Change	Comments	
	Classification code (RID)	Added		
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP] Modified			
2.1	Adverse physicochemical, human health and environmental effects	Modified		
2.2	Precautionary statements (CLP)	Modified		
2.2	Hazard statements (CLP)	Modified		
4.1	First-aid measures after skin contact	Modified		
4.2	Symptoms/effects after skin contact	Modified		
6.1	Emergency procedures	Modified		
7.1	Hygiene measures	Modified		
7.1	Precautions for safe handling	Modified		

Abbreviations and acronyms		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Abbreviations and acronyms		
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H304	May be fatal if swallowed and enters airways.	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements		
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H412	Harmful to aquatic life with long lasting effects.	
EUH066	Repeated exposure may cause skin dryness or cracking.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]				
Aerosol 1	H222;H229	On basis of test data		
STOT SE 3	H336	Calculation method		

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.