

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 1 of 14

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

1.1. Product identifier

LUMENTICS Glow in the dark spray (various colours)

Product group: Zwischenprodukt
 UFI: FR71-DAE2-CUPR-5A0S

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

Use of the substance/mixture

High-quality color spray with afterglow effect. For decorative applications.

1.3. Details of the supplier of the safety data sheet

Company name: Dr. Falko Böttger-Hiller & Lars Ehrhardt
 Leuchtstoffe GbR
 Street: Geschwister-Scholl-Str. 4
 Place: D-04600 Altenburg
 Telephone: +49 344 784 71089
 e-mail: info@lumentics.de
 Contact person: Technikum und Labor Telephone: +49 344 784 71089
 e-mail: info@lumentics.de
 Responsible Department: Dr. Falko Böttger-Hiller & Lars Ehrhardt Leuchtstoffe GbR,
 Geschwister-Scholl-Str. 4, 04600 Altenburg
 Labor Tel.: +49 344 784 71089
 Montag bis Donnerstag 9 - 16 Uhr; Freitag 9 - 14 Uhr
 Deutschland: +49 344 784 71089 während der Bürozeiten

1.4. Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Aerosol 1; H222-H229
 Eye Dam. 1; H318
 Skin Sens. 1; H317
 STOT SE 3; H336
 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

acetone; propan-2-one; propanone
 1-methoxy-2-propanol; monopropylene glycol methyl ether
 n-butyl acetate

Signal word: Danger

Pictograms:



Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 2 of 14

H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Special labelling of certain mixtures

EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking. 5 - < 10 % of the mixture consists of ingredient(s) of unknown acute toxicity. Contains 5 - < 10 % of components with unknown hazards to the aquatic environment.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 3 of 14

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
115-10-6	dimethyl ether			25 - 50 %
	204-065-8	603-019-00-8		
	Flam. Gas 1; H220			
67-64-1	acetone; propan-2-one; propanone			< 15 %
	200-662-2	606-001-00-8		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether			< 10 %
	203-539-1	603-064-00-3		
	Flam. Liq. 3, STOT SE 3; H226 H336			
123-86-4	n-butyl acetate			< 10 %
	204-658-1	607-025-00-1		
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
78-83-1	2-methylpropan-1-ol; iso-butanol			< 5 %
	201-148-0	603-108-00-1		
	Flam. Liq. 3, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, STOT SE 3; H226 H315 H318 H335 H336			
108-65-6	2-methoxy-1-methylethyl acetate			< 5 %
	203-603-9	607-195-00-7		
	Flam. Liq. 3; H226			
1330-20-7	xylene			< 3 %
	215-535-7	601-022-00-9		
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
67-64-1	200-662-2	acetone; propan-2-one; propanone	< 15 %
		inhalation: LC50 = 76 mg/l (vapours); dermal: LD50 = 20000 mg/kg; oral: LD50 = 5800 mg/kg	
107-98-2	203-539-1	1-methoxy-2-propanol; monopropylene glycol methyl ether	< 10 %
		dermal: LD50 = 11000 mg/kg; oral: LD50 = > 5000 mg/kg	
123-86-4	204-658-1	n-butyl acetate	< 10 %
		inhalation: LC50 = 23,4 mg/l (vapours); dermal: LD50 = >14,112 mg/kg; oral: LD50 = 10,76 mg/kg	
78-83-1	201-148-0	2-methylpropan-1-ol; iso-butanol	< 5 %
		inhalation: LC50 = > 24 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2830 mg/kg	
108-65-6	203-603-9	2-methoxy-1-methylethyl acetate	< 5 %
		dermal: LD50 = 7500 mg/kg; oral: LD50 = 8532 mg/kg	
1330-20-7	215-535-7	xylene	< 3 %
		inhalation: LC50 = 29 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 2.000 mg/kg; oral: LD50 = 3.523 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 4 of 14

General information

First aider: Pay attention to self-protection! Remove persons to safety.
Remove contaminated, saturated clothing immediately.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, consult a physician.
Skin protection!

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let water be drunken in little sips (dilution effect).
Do NOT induce vomiting.

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

May cause drowsiness or dizziness. Allergic reactions
For further information see Section 2 (Hazards identification) and Section 11 (Toxicological information).

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

First Aid, decontamination, treatment of symptoms.
If unconscious but breathing normally, place in recovery position and seek medical advice.
No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.
If unconscious but breathing normally, place in recovery position and seek medical advice.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, Carbon dioxide (CO₂), Extinguishing powder

Fire class(DIN EN 2): C (Fires of gases).

Unsuitable extinguishing media

Water
Full water jet

5.2. Special hazards arising from the substance or mixture

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

Hazardous combustion products:

Carbon dioxide (CO₂), Carbon monoxide, halogenated hydrocarbons, phenols and halogenated phenols

5.3. Advice for firefighters

Use suitable breathing apparatus.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 5 of 14

General advice

Wear personal protection equipment (refer to section 8). Wear breathing apparatus if exposed to vapours/dusts/aerosols. Provide adequate ventilation.
Avoid contact with skin, eyes and clothes.
Special danger of slipping by leaking/spilling product.
Remove persons to safety.

For non-emergency personnel

Get out of the danger zone and notify trained personnel. The emergency plan drawn up by the company and the information chain must be adhered to.

For emergency responders

Remove persons to safety. Isolate hazard area and deny entry.
Ventilate affected area.

6.2. Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas.
Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up**Other information**

Ventilate affected area.
Do not rinse down with water.

6.4. Reference to other sections

Decomposition products in case of fire: see section 5.
Personal protection equipment: see section 8.
Disposal: see section 13.

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

Ensure adequate ventilation of the storage area. For commercial use: Provide adequate ventilation as well as local exhaust at critical locations.

Measures to prevent aerosol and dust generation:

It is recommended to design all work processes always so that the following is excluded: Inhalation of vapours or spray/mists, Eye contact, Skin contact;
Open windows to ensure natural ventilation.

Advice on protection against fire and explosion

The product is: Combustible.

Usual measures for fire prevention. The product is: Combustible.

Use only antistatically equipped (spark-free) tools.

Take precautionary measures against static discharges.

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Keep away from sources of ignition - No smoking.

Heating causes rise in pressure with risk of bursting.

Advice on general occupational hygiene

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Keep away from food, drink and animal feedingstuffs.

When using do not eat, drink or smoke.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 6 of 14

Further information on handling

Section 6: Accidental Release Measures (Environmental precautions)

Section 8: Exposure Controls/Personal Protection

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in the original container in a cool, well-ventilated place.

Store in a place accessible by authorized persons only.

Keep away from heat.

Recommended storage temperature: 10 - 25 °C

Floors should be impervious, resistant to liquids and easy to clean.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Note the "joint storage table depending on the storage class" according to TRGS 510.

Further information on storage conditions

Maximum storage period (time): 6 to 9 months

Do not store under:

UV-radiation/sunlight and Heat

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL
78-83-1	2-Methylpropan-1-ol	50	154		TWA (8 h)	WEL
		75	231		STEL (15 min)	WEL
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL
115-10-6	Dimethyl ether	400	766		TWA (8 h)	WEL
		500	958		STEL (15 min)	WEL
1330-20-7	Xylene: mixed isomers	50	220		TWA (8 h)	WEL
		100	441		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid (creatinine)	650 mmol/mol	urine	Post shift

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 7 of 14

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1330-20-7	xylene			
Worker DNEL, long-term		inhalation	systemic	221 mg/m ³
Worker DNEL, acute		inhalation	systemic	442 mg/m ³
Worker DNEL, long-term		inhalation	local	221 mg/m ³
Worker DNEL, acute		inhalation	local	442 mg/m ³
Worker DNEL, long-term		dermal	systemic	212 mg/kg bw/day

Additional advice on limit values

Recommended monitoring procedures:

Room air monitoring

Test tube

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Individual protection measures, such as personal protective equipment

Eye/face protection

Do not wear contact lenses.

Wear eye/face protection.

Hand protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Only wear fitting, comfortable and clean protective clothing.

Hand protection: wear protective gloves resistant against solvents and acids according to EN 374: E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other.

See information supplied by the manufacturer.

short time refits or as a splash protection: gloves made of butyl rubber/ nitrile rubber (>0,1 mm)

Remove any contaminated and used contaminated protective gloves and dispose of it safely.

For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton/ 0,4 mm).

Skin protection

Personal protection equipment

Protecting work clothes (e.g. safety shoes EN 344, work clothes with long arms) According to working process wear Apron, Boots (EN 347).

Respiratory protection

Industrial/Professional: Use respiratory protection unless appropriate local suction is in place or an exposure assessment shows that exposure is within relevante directives. If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Private/consumer: Ensure adequate ventilation, for example by opening windows and doors. Respiratory protection is recommended if there is a risk of exceeding occupational exposure limits.

The following CE-approved respirators are to be used (EN 529):

Filter for organic vapours: Type A (boiling point > 65 °C) or type AX (boiling point < 65 °C)

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 8 of 14

Filter for organic amines: Type K

Filter for particles and aerosols (EN 143, EN 149): Half mask P1 up to 4 times, P2 up to 10 times and P3 up to 30 times the occupational exposure limit, full mask up to 400 times the occupational exposure limit.

Environmental exposure controls

Avoid release to the environment.

Section 6: Accidental Release Measures

Section 13: Disposal Considerations (non-mandatory)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid aerosol (mist)
Colour:	specific
Odour:	specific

Changes in the physical state

Boiling point or initial boiling point and boiling range:	56 °C
Flash point:	-42 °C
Lower explosion limits:	2,6 vol. %
Upper explosion limits:	18,6 vol. %
Auto-ignition temperature:	235 °C
Viscosity / dynamic: (at 20 °C)	<400 mPa·s
Vapour pressure: (at 20 °C)	5200 hPa
Density:	0,849 g/cm ³

9.2. Other information

Other safety characteristics

Solvent content:	78,6 %
Solid content:	21,4 %

Further Information

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Exothermic reaction with:
Oxidising agent, acidic and alkaline materials

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Danger of bursting container.

10.5. Incompatible materials

Oxidising agent, acidic and alkaline materials

10.6. Hazardous decomposition products

Decomposition products in case of fire: see section 5.

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 9 of 14

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50 5800 mg/kg	Rat	RTECS	
	dermal	LD50 20000 mg/kg	Rabbit	IUCLID	
	inhalation (4 h) vapour	LC50 76 mg/l	Rat		
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	oral	LD50 > 5000 mg/kg	Rat	IUCLID	
	dermal	LD50 11000 mg/kg	Rabbit		
123-86-4	n-butyl acetate				
	oral	LD50 10,76 mg/kg	Rat	ECHA	
	dermal	LD50 >14,112 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 23,4 mg/l	Rat		
78-83-1	2-methylpropan-1-ol; iso-butanol				
	oral	LD50 > 2830 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
	inhalation (4 h) vapour	LC50 > 24 mg/l	Rat		
108-65-6	2-methoxy-1-methylethyl acetate				
	oral	LD50 8532 mg/kg	Rat	RTECS	
	dermal	LD50 7500 mg/kg	Rabbit		
1330-20-7	xylene				
	oral	LD50 3.523 mg/kg	Rat	ECHA	
	dermal	LD50 2.000 mg/kg	Rabbit	MSDS external	
	inhalation (4 h) vapour	LC50 29 mg/l	Rat	ECHA	
	inhalation dust/mist	ATE 1,5 mg/l			

Irritation and corrosivity

Causes serious eye damage.

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

Sensitising effects

May cause an allergic skin reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 10 of 14

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.
obviously hazardous to water (WGK 2)

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
67-64-1	acetone; propan-2-one; propanone					
	Acute fish toxicity	LC50 5540 mg/l	96 h	Onchorhynchus mykiss		
	Acute crustacea toxicity	EC50 6100 mg/l	48 h	Daphnia magna		
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether					
	Acute fish toxicity	LC50 4600 - 10000 mg/l	96 h	Leuciscus idus	IUCLID	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Selenastrum capricornutum		
	Acute crustacea toxicity	EC50 > 500 mg/l	48 h	Daphnia magna	IUCLID	
123-86-4	n-butyl acetate					
	Acute fish toxicity	LC50 18 mg/l	96 h		ECHA	
	Acute crustacea toxicity	EC50 18 mg/l	48 h		ECHA	
78-83-1	2-methylpropan-1-ol; iso-butanol					
	Acute fish toxicity	LC50 1430 mg/l	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50 1250 mg/l		Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50 1439 mg/l	48 h	Daphnia magna		
108-65-6	2-methoxy-1-methylethyl acetate					
	Acute fish toxicity	LC50 161 mg/l	96 h	Pimephales promelas		
	Acute crustacea toxicity	EC50 408 mg/l	48 h	Daphnia magna		
1330-20-7	xylene					
	Acute fish toxicity	LC50 2,6 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA	
	Acute algae toxicity	ErC50 4,7 mg/l	72 h	Alge	ECHA	
	Acute crustacea toxicity	EC50 165 mg/l	48 h	Daphnia magna (Big water flea)		
	Acute bacteria toxicity	(EC50 6 mg/l)		Bakterie		

12.3. Bioaccumulative potential

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 11 of 14

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
115-10-6	dimethyl ether	0,1
67-64-1	acetone; propan-2-one; propanone	-0,24
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	-0,437
123-86-4	n-butyl acetate	2,3
78-83-1	2-methylpropan-1-ol; iso-butanol	0,79
108-65-6	2-methoxy-1-methylethyl acetate	0,43
1330-20-7	xylene	3,15

BCF

CAS No	Chemical name	BCF	Species	Source
1330-20-7	xylene	5,5 -12,2		ECHA

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)". The waste is to be kept separate from other types of waste until its recycling.

The generation of waste should be avoided or minimized wherever possible. This material and its container must be disposed of in a safe way Empty containers or liners may retain some product residues.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

List of Wastes Code - residues/unused products

080111 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08); waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures; hazardous waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 12 of 14

14.3. Transport hazard class(es):

2

14.4. Packing group:

-

Hazard label:

2.1



Classification code:

5F

Special Provisions:

190 327 344 625

Limited quantity:

1 L

Excepted quantity:

E0

Transport category:

2

Tunnel restriction code:

D

Inland waterways transport (ADN)

14.1. UN number or ID number:

UN 1950

14.2. UN proper shipping name:

AEROSOLS

14.3. Transport hazard class(es):

2

14.4. Packing group:

-

Hazard label:

2.1



Classification code:

5F

Special Provisions:

190 327 344 625

Limited quantity:

1 L

Excepted quantity:

E0

Marine transport (IMDG)

14.1. UN number or ID number:

UN 1950

14.2. UN proper shipping name:

AEROSOLS

14.3. Transport hazard class(es):

2.1

14.4. Packing group:

-

Hazard label:

2.1



Special Provisions:

63, 190, 277, 327, 344, 381, 959

Limited quantity:

1000 mL

Excepted quantity:

E0

EmS:

F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:

UN 1950

14.2. UN proper shipping name:

AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es):

2.1

14.4. Packing group:

-

Hazard label:

2.1



Special Provisions:

A145 A167 A802

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y203

Excepted quantity:

E0

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 13 of 14

IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Reference to other sections 6, 7, 8.

14.7. Maritime transport in bulk according to IMO instruments

not applicable.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC):	84 % (1176 g/l)
2004/42/EC (VOC):	84 % (1176 g/l)
Information according to 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Water hazard class (D):	2 - obviously hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 1; H222-H229	
Eye Dam. 1; H318	Calculation method
Skin Sens. 1; H317	
STOT SE 3; H336	Calculation method
Aquatic Chronic 3; H412	

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Safety Data Sheet

according to UK REACH Regulation

LUMENTICS Glow in the dark spray (various colours)

Revision date: 16.12.2022

Product code: LU-1370

Page 14 of 14

H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

During mixing, observe all labels and safety data sheets of all the components. Follow the instructions for use on the label.

Disclaimer of liability

The information provided is based on our current level of knowledge. This SDS was compiled exclusively for this product and is intended exclusively for this. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)