

Nailchemy[®] SAFETY DATA SHEET

[According to Regulation (EC) No 1907/2006 of the European Parliament]

Section 1: Identification of the preparation and of the company

1.1. Identification of the substance or preparation

Product name
Product code

LUMOS - Glow in the Dark Top Coat
LGITDTC

1.2. Use of substance/preparation

Top coat hybrid UV gel.

1.3. Company/ undertaking identification

Manufacturer:

Nailchemy Limited
40 Market Street, Bridgwater
Somerset TA6 3EP
(+44) 1278 459066
www.nailchemy.co.uk
support@nailchemy.co.uk

Telephone:

Website:

e-mail:

1.4. Emergency telephone

112 (emergency number)

Section 2: Hazards Identification

2.1. Classification of the substances or composition

Classification according to WE/1272/2008 (CLP):

Acute Tox. 4	H302	Harmful if swallowed.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.

2.2. Labelling

GHS/CLP Classification



Signal word: Warning

Hazard statements:

Acute Tox. 4	H302	Harmful if swallowed.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.

Precautionary statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

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Product Name: LUMOS - Glow in the Dark - Top Coat

Product code: LGITDTC

Version: 1.8.12./EN

Former Date: 20.04.2017

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Address: 40 Market Street, Bridgwater, Somerset. TA6 3EP

Telephone: (+44) 1278 459066

- P233 Keep container tightly closed.
 P235 Keep cool.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P403 Store in a well-ventilated place.

2.3. Other hazards

Not determined.

Section 3: Composition/ Information of ingredients

3.2. Composition

Chemical Identity and concentration range	CAS No.	WE No.	GHS/CLP Classification
Di-Hema Trimethylhexyl Dicarbamate 50.0-60.0%	41137-60-4	-	Skin Irrit. 2 H315; Eye Irrit. 2 H319 STOT SE 3 H335
Methacrylic Acid 15.0-20.0%	79-41-4	201-204-4	Acute Tox. 4 H302; Acute Tox. 3 H 311; Skin Corr. 1A H314; Acute Tox. 4 H332; STOT SE 3 H335
HEMA 15.0-20.0%	868-77-9	212-782-2	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319
Hydroxycyclohexyl Phenyl Ketone 1.0-2.0%	947-19-3	213-426-9	N/E
Trimethylbenzoyl Diphenylphosphine Oxide 1.0-5.0%	75980-60-8	278-355-8	Skin Sens. 1 H317; Repr. 2 H361; Aquatic Chronic 2 H411
Zinc Sulfide 1.0-5.0%	1314-98-3	215-251-3	N/E

Full text of H-phrases is provided in section 16

Section 4: First aid measures

4.1. Description of first aid measures

First aid for skin:

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.
 Seek medical attention in case of skin allergy.

First aid for eye:

Flush immediately with plenty of water for 15 minutes. Seek medical attention if discomfort persist.

First aid in case of ingestion:

Seek medical attention immediately.

First aid in case of inhalation:

Remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

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

Skin contact:

Redness, dryness, allergic reactions.

Eye contact:

Tearing, burning, redness, irritation.

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Ingestion:

Irritation of mouth and throat, stomach pain.

Inhalation:

Irritation of respiratory tract.

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

After thorough examination of the casualty the doctor decides what rescue proceedings should be taken.

Section 5: Fire-fighting Measures

5.1. Extinguishing media

Use carbon dioxide or foam extinguisher.

5.2. Special hazards arising from the substance or mixture

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Harmful product of combustion: carbon oxides, sulfur oxides, nitrogen oxides, phosphorus oxides, other irritating organic gas.

5.3. Advice for fire-fighters

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapours or products of combustion exists.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection.

6.2. Environmental precautions

Place leaking containers in a well ventilated area. Dike and recover large spills. Do not pour the gel back into the original container.

6.3. Methods and material for containment and cleaning up

Soak up small spills with inert solids (such as vermiculite, clay) and sweep / shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush to sewer!

6.4. Reference to other sections

Disposal of the product - Section 13

Personal protection – Section 8

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing vapour. Keep container closed when not in use. Product extremely light sensitive, avoid exposure to light. Remove all contaminated clothing,

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shoes, belts and other leather goods immediately. Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry place, away from heat and light sources. Store at temperatures 8-28°C.

7.3. Specific end use(s)

No data.

Section 8: Exposure controls/ personal protection

8.1. Control parameters

The product composition has no components subject to control exposure in the work place.

8.2. Exposure controls

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.

8.2.1. Occupational exposure controls

Respiratory protection

Use only in well ventilated areas.

Hand protection

Wear impervious gloves.

Eye protection

Wear chemical splash goggles.

Skin protection

Wear impervious clothes.

8.2.2. Environmental exposure controls

Do not allow to enter ground water, sewage, waste or soil.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<i>Appearance</i>	clear liquid
<i>Odour & Odour Threshold</i>	acid odour
<i>pH</i>	7
<i>Viscosity</i>	1500-2500 mPa·s
<i>Decomposition/Temperature</i>	no data
<i>Octanol/Water Partitioning Coefficient Log Po/w</i>	no data
<i>Vapour Pressure:</i>	no data
<i>Vapour Density</i>	no data
<i>Evaporation Rate</i>	no data
<i>Ignition</i>	no data
<i>Solubility In Water (20°C)</i>	no data
<i>Flash Point (°F/°C)</i>	no data
<i>Flammable Limit (vol%)</i>	no data
<i>Auto-ignition Temperature</i>	no data
<i>Density (g/cm³)</i>	1.05

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9.2. Other information

No data.

Section 10: Stability and reactivity

10.1. Reactivity

The product reacts with strong oxidizing agents, strong acids and alkaline.

10.2. Chemical stability

The product is stable under recommended transport or storage conditions.

10.3. Possibility of hazardous reactions

Uncontrolled polymerization.

10.4. Conditions to avoid

Storage >28°C, exposure to light, frozen, sparks, open flame, contamination with incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents, strong acids and alkaline.

10.6. Hazardous decomposition products

Carbon oxides, sulfur oxides, nitrogen oxides, phosphorus oxides, other irritating organic gas.

Section 11: Toxicological information

11.1. Information on toxicological effects:

Methacrylic Acid:

LD ₅₀	oral/rat	1320 mg/kg
LC ₅₀	inhalation/rat	0,9-4,7 mg/l/4h
LD ₅₀	dermal/rabbit	500-1000 mg/kg

HEMA:

LD ₅₀	oral/rat	> 5000 mg/kg
LD ₅₀	dermal/rabbit	> 3000 mg/kg

Skin contact: Redness, dryness, allergic reactions

Eye contact Tearing, burning, redness, irritation

Ingestion Irritation of mouth and throat, stomach pain.

Inhalation Irritation of respiratory tract.

Sensitization N/DA

Mutagenicity N/DA

Sub-chronic Toxicity N/DA

Section 12: Ecological Information

12.1. Toxicity

Methacrylic Acid:

Fish:	Oncorhynchus mykiss	LC ₅₀	85 mg/l/96h
Invertebrate:	Daphnia magna	EC ₅₀	> 130 mg/l/48h

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HEMA:

Fish:	Pimephales promelas	LC ₅₀	227 mg/l/96h
	Leuciscus idus	LC ₅₀	360 mg/l

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

12.4. Mobility in soil

No data.

12.5. Results of PBT assessment

Not include.

12.6. Other adverse effects

Not tested.

Section 13: Disposal considerations

13.1. Waste treatment methods

Do not allow to enter natural environment. Do not remove with municipal waste. Transfer to a suitable, labeled container and arrange for collection by specialized disposal company. Dispose of waste material in accordance with local and national regulations.

The material collected after the spill absorbents and should be disposed of in accordance with State, Local, and Federal regulations.

Section 14: Transport information

14.1. UN number

The product is not classified as dangerous during transport.

14.2. UN proper shipping name

The product is not classified as dangerous during transport.

14.3. Transport hazard class(es)

The product is not classified as dangerous during transport.

14.4. Packing group

The product is not classified as dangerous during transport.

14.5. Environmental hazards

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

14.6. Special precautions for user

No data available.

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Section 15: Regulatory information

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

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 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 Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations

Commission Regulation (EU) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

International Regulations:

EINECS: European Inventory:	<p>Hazard statements: H302 Harmful if swallowed; H315 Causes skin irritation; H317 May cause an allergic skin reaction; H319 Causes serious eye irritation; H335 May cause respiratory irritation; H411 Toxic to aquatic life with long lasting effects</p> <p>Precautionary statements: P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking; P233 Keep container tightly closed; P235 Keep cool; P270 Do not eat, drink or smoke when using this product; P280 Wear protective gloves/protective clothing/eye protection/face protection; P403 Store in a well-ventilated place.</p>
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Section 16: Other information

Full range of H-Phrases from Section 2 and 3.

Acute Tox. 4	H302	Harmful if swallowed.
Acute Tox. 3	H311	Toxic in contact with skin.
Skin Corr. 1A	H314	Causes severe skin burns and eye damage.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
Acute Tox. 4	H332	Harmful if inhaled.
STOT SE 3	H335	May cause respiratory irritation.
Repr. 2	H361	Suspected of damaging fertility or the unborn child.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

P-Phrases

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
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Disclaimer

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Nailchemistry requires all customers who receive this safety data sheet to study it carefully in order to be informed of any dangers presented by the products. as far as safety is concerned the Customer should inform his employees, agents and sub-contractors of information contained in this form.

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