Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

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SDS REPORT

Gellifique Ltd
41 Deantown Avenue, Whitecraig, Musselburgh, Edinburgh, EH21 8NS United Kingdom

SDS Report No.	:	SDS201908283
Compilation Date	:	Aug. 26, 2019~ Sept. 04, 2019
Trade Name	:	Gellifique UV/LED 2 IN 1 APEX GEL
Composition/Ingredient of The Sample	:	See Section 3 on the SDS
Service Requested	:	Safety Data Sheet (SDS) for the sample with submitted composition.
Summary	:	As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.

* This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of
REAL Technical Center:

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

· **1.1 Product identifier**

· **Trade name:** Gellifique UV/LED 2 IN 1 APEX GEL

· **Registration number:** Data not available

· **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

· **Application of the substance/ mixture:** Used for manicure or pedicure only, to be applied on the nails.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Gellifique Ltd

41 Deantown Avenue, Whitecraig, Musselburgh, Edinburgh, EH21 8NS United Kingdom

Tel: +447518565348

Email: info@gellifique.com

· **Further information obtainable from:** Gellifique Ltd

· **1.4 Emergency telephone number**

UNITED KINGDOM

National Poisons Information Service

Tel: + 44 (0) 844 892 0111

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

Classification according to regulation (EC) 1272/2008:

GHS07 Exclamation mark

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

· **Classification system:**

The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.

· **2.2 Label elements**

· **Labeling according to Regulation (EC) No 1272/2008:** The product is labeled according to Regulation (EC) No 1272/2008.

· **Hazard pictograms:**

GHS07

· **Signal word:** Warning

· **Hazard statements:**

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

· **Precautionary statement:**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

P103	Read label before use.
P280	Wear protective gloves/eye protection/face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local regulation.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

· **3.1 Chemical characterization:** Mixture

· **Description:**

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

· **Component:**		
CAS No.: 25035-69-2 EC No.: 607-492-1	Acrylates Copolymer	
CAS No.: 61417-49-0 EC No.: 262-774-8	Isopropyl Titanium Triisostearate	
CAS No.: 15625-89-5 EC No.: 239-701-3 Index No.: 607-111-00-9	Trimethylolpropane Triacrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319	
CAS No.: 9016-00-6 EC No.: 618-493-1	Dimethylsiloxane	
CAS No.: 63231-60-7 EC No.: 264-038-1	Microcrystalline Wax	
CAS No.: 2379-74-0 EC No.: 219-163-6	D & C Red no. 30	
CAS No.: 51274-00-1 EC No.: 257-098-5	Iron hydroxide oxide yellow	
CAS No.: 6417-83-0 EC No.: 229-142-3	D & C Red no. 34	

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

General advice: If medical advice is needed, have product container or label at hand.

After inhalation: Supply with fresh air. Call a POISON CENTER/doctor, if you feel unwell.

After skin contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

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.

After swallowing: Wash mouth. Do NOT induce vomiting; Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

· **4.2 Most important symptoms and effects, both acute and delayed:** Causes skin irritation; May cause an allergic skin reaction; Causes serious eye irritation.

· **4.3 Indication of any immediate medical attention and special treatment needed:** Treatment according to symptoms, no known specific medicine.

SECTION 5: Fire-fighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:** Water spray or alcohol resistant foam. Do not use CO_2 or dry powder.

· **5.2 Special hazards arising from the substance or mixture:** Carbon monoxide and carbon dioxide.

· **5.3 Advice for firefighters**

Protective equipment:

Wear an approved positive pressure self-contained breathing apparatus (Comply with EN 133).

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures:**

Cut off leakage source and collect spillage timely if safe do it; Ensure adequate ventilation; Avoid breathing vapors; Wear personal protective equipment; Avoid contact with eyes and skin.

· **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation; Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections:**

See section 7 for information on safe handing; See section 8 for information on personal protection equipment; See section 13 for disposal in formation.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling:**

Read label before use; Ensure adequate ventilation; Avoid breathing vapors; Wear personal protective equipment; Avoid contact with eyes and skin.

· **Information about fire and explosion protection:** Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any non-compatibility**

· **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilation location.

· **Information about storage in one common storage facility:** Keep out of reach of children.

· **Further information about storage conditions:** Store locked up.

· **7.3 Specific end use(s):** Used for manicure or pedicure only, to be applied on the nails.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
15625-89-5 Trimethylolpropane Triacrylate			
Systemic effects	Long-term, inhalation exposure	3.5 mg/m³	870 µg/m³
	Long-term, dermal exposure	83 mg/kg bw/day	42 mg/kg bw/day
	Long-term, oral exposure	-	500 µg/kg bw/day
51274-00-1 Iron hydroxide oxide yellow			
Local effects	Long-term, inhalation exposure	10 mg/m³	-

· **PNECs:**

PNEC type	Value
61417-49-0 Isopropyl Titanium Triisostearate	
Freshwater	1.8 mg/L
Intermittent releases (freshwater)	18 mg/L
Marine water	180 µg/L
Intermittent releases (marine water)	1.8 mg/L
Sewage treatment plant (STP)	18 mg/L
15625-89-5 Trimethylolpropane Triacrylate	
Freshwater	870 ng/L
Intermittent releases (freshwater)	8.7 µg/L
Marine water	87 ng/L
Sewage treatment plant (STP)	6.25 mg/L
Sediment (freshwater)	17 µg/kg sediment dw
Sediment (marine water)	1.7 µg/kg sediment dw
6417-83-0 D & C Red no. 34	
Sewage treatment plant (STP)	100 mg/L

· **Additional information:** The lists valid during the marking were used as basis.

· **8.2 Exposure controls**

· **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

· **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; Take off contaminated clothing and wash it before reuse; See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiration protection:** Dust mask is recommended.

· **Protection of hands:**

Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness> 0.11mm; breakthrough times up to 480 minutes).

· **Eye protection:**

Safety glasses

Protective goggles with side-shields.

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **Appearance:**	
Form	Liquid
Color	Multicolor
Odor	Odorless
Odor threshold	Not applicable
· **pH-value**	Not determined
· **Change in condition**	
Melting point/melting range	Not determined
Boiling point and boiling range	Not determined
· **Freezing point**	Not determined
· **Flash point**	>93°C (closed cup)
· **Flammability(solid, gas)**	Not applicable
· **Decomposition temperature**	Not determined
· **Self-ignition**	Not determined
· **Danger of explosion**	Not determined
· **Explosion limits**	
Lower:	Not determined
Upper:	Not determined
· **Oxidizing properties**	Not determined
· **Vapor pressure**	Not determined
· **Density**	Not determined
· **Relative density**	Not determined
· **Vapor density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in/Miscibility with**	
Water	Not determined
· **Partition coefficient (n-octanol/water)**	Not determined
· **Viscosity**	
Dynamic	Not determined
Kinematic	Not determined
· **9.2 Other information**	cruelty free,vegan, not tested on animals.

SECTION 10: Stability and reactivity

· **10.1 Reactivity:** No decomposition if used according to specification.

· **10.2 Chemical stability:** Stable under recommended storage conditions.

· **10.3 Possibility of hazardous reactions:** No further relevant information available.

· **10.4 Conditions to avoid:** High temperatures.

· **10.5 Incompatible materials:** Strong acid, strong oxidizing agents and strong bases.

· **10.6 Hazardous decomposition products:** No further relevant information available.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:** No animal test has been done for this product or the components.

· **Skin corrosion/irritation:** Causes skin irritation.

· **Serious eyes damage/ irritation:** Causes serious eye irritation.

· **Respiratory or skin sensitization:** May cause an allergic skin reaction.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:** Not hazardous to the aquatic environment.

61417-49-0 Isopropyl Titanium Triisostearate	
Short–term toxicity to aquatic invertebrates	EC50 (24 h) 10 g/L
15625-89-5 Trimethylolpropane Triacrylate	
Short–term toxicity to fish	LC50 (4 days) 870 µg/L NOEC (4 days) 890 µg/L LOEC (4 days) 1.71 mg/L
Short–term toxicity to aquatic invertebrates	LC50 (48 h) 19.9 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 4.86 mg/L
63231-60-7 Microcrystalline Wax	
Short–term toxicity to fish	LL50 (4 days) 100 mg/L
Short–term toxicity to aquatic invertebrates	LL50 (4 days) 10 g/L EL50 (48 h) 10 g/L
2379-74-0 D & C Red no. 30	
Short–term toxicity to aquatic invertebrates	EL50 (48 h) 2 mg/L NOELR (48 h) 2 mg/L LOELR (48 h) 2 mg/L
Toxicity to aquatic algae and cyanobacteria	NOEC (72 h) 1 mg/L
51274-00-1 Iron hydroxide oxide yellow	
Short–term toxicity to aquatic invertebrates	LC50 (48 h) 100 mg/L
Toxicity to microorganisms	EC50 (3 h) 10 g/L
6417-83-0 D & C Red no. 34	
Short–term toxicity to fish	LC50 (4 days) 100 mg/L NOEC (4 days) 100 mg/L
Short–term toxicity to aquatic invertebrates	EC50 (48 h) 100 mg/L NOEC (48 h) 100 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L NOEC (72 h) 1 - 3.2 mg/L LOEC (72 h) 3.2 - 10 mg/L

Toxicity to microorganisms	EC50 (3 h) 1 g/L NOEC (3 h) 100 - 1 000 mg/L

· **12.2 Persistence and degradability:** Readily biodegradable.

61417-49-0	Isopropyl Titanium Triisostearate	Readily biodegradable
15625-89-5	Trimethylolpropane Triacrylate	Readily biodegradable

· **12.3 Bio-accumulative potential:** Low bio-accumulation.

61417-49-0	Isopropyl Titanium Triisostearate	Log Pow =0.05 - 7.87 at 20 - 25 °C and pH 7
15625-89-5	Trimethylolpropane Triacrylate	Log Pow= 4.35
2379-74-0	D & C Red no. 30	Log Pow= 2.06 at 22 °C and pH
6417-83-0	D & C Red no. 34	Log Pow=1.8 at 23 °C and pH 7

· **12.4 Mobility in soil:** Data not available.

· **12.5 Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

· **12.6 Other adverse effects:** No further relevant information available.

· **12.7 Additional ecological information**

· **General notes:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

SECTION 13:Disposal consideration

· **13.1 Waste treatment methods**

· **Recommendation:** Must not be disposed together with household garbage.

· **13.2 Un-cleaned packaging**

· **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

· **14.1 UN-Number**	
ADR, RID, ADN, IMDG, IATA	Not regulated as dangerous transport goods
· **14.2 UN proper shipping name**	
ADR, RID, ADN, IMDG, IATA	Void
· **14.3 Transport hazard class (es)**	
ADR, RID, ADN, IMDG, IATA	
Class	Void
Label	Void
· **14.4 Packing group**	
ADR, RID, ADN, IMDG, IATA	Void
· **14.5 Marine pollution**	No
· **14.6 Special precautions for user**	Void
Danger code (Kemler)	Void
EMS Number	Void
· **14.7 UN "Model Regulation"**	Void

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **MAK (German Maximum Workplace Concentration):** None of the ingredients is listed.
·**Directive 2012/18/EU**
· **Named dangerous substances-ANNEX I:** None of the ingredients is listed.
· **Seveso category:** Not applicable.
· **Qualifying quantity (tonnes) for the application of lower-tier requirements:** Not applicable.
· **Qualifying quantity (tonnes) for the application of upper-tier requirements:** Not applicable.
· **National regulations.**
· **Water hazard class:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.
· **Other regulations, limitations and prohibitive regulations**
· **SVHC Candidate list of REACH Regulation Annex XIV Authorization:** None of the ingredients is listed.
· **REACH Regulation Annex XVII Restriction:** None of the ingredients is listed.
· **REACH Regulation Annex XIV Authorization List:** None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

Relevant phrases:
H315 Causes skin irritation
H317 May cause allergic skin reaction
H319 Causes serious eye irritation
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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.
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· **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
PBT: Persistent, Bio accumulative and Toxic
SVHC: Substance of Very High Concern
LD50: Lethal dose, 50 percent
LC50: Lethal concentration, 50 percent
EC50: Concentration of maximal effect, 50 percent
IC50: Half maximal inhibitory concentration

LL50:*Lethal loading rate, 50 percent*

EL50: *Effective loading rate, 50 percent*

NOEC: *No observed effect concentration*

LOEC: *Lowest Observed Effect Concentration*

NOELR: *No Observable Effect Loading Rate*

LOELR: *Lowest Observable Effect Loading Rate*

Skin Irrit.2: *Skin corrosion/irritation, hazard category 2*

Skin Sens. 1: *Respiratory or skin sensitization, hazard category 1*

Eye Irrit. 2: *Eye damage/irritation, hazard category 2*

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End of safety data sheet