



# JADE BARBER NAIL & BEAUTY EXCELLENCE

## Safety Data Sheet

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

Version No.: 1.0

Printing Date: November 27, 2020

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### SDS REPORT

**SDS Report No.** : SDS20201120073

**Compilation Date** : November 20, 2020 ~ November 27, 2020

**Trade Name** : Foil Gel

**Composition/Ingredient of The Sample** : See Section 3 on the SDS

**Service Requested** : Preparation of Safety Data Sheet (SDS) for the sample with submitted composition from client.

**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.



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

- **1.1 Product identifier**
  - **Trade name:** Foil Gel
  - **Registration number:** Data not available
  - **Other means of identification:** Data not available
- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
  - **Application of the substance/ mixture:** For nail use only.
  - **Uses advised against:** All other uses.
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**

**Company name:** Nail and Beauty excellence  
145 High Street  
Hythe  
Kent  
CT21 5JL  
United Kingdom  
**Tel:** 01303311694  
**Email:** [info@nailandbeautyexcellence.com](mailto:info@nailandbeautyexcellence.com)

### 1.1. Emergency telephone number:

**Emergency tel:** 07881421521

## 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 -determining components of labelling:** HEMA
- **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.  
P261 Avoid breathing vapors.  
P264 Wash hands and face thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container in accordance with local/regional/national/international 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.

Substance	CAS No.	Index No.	EC No.	Conc. w/w	CLP Classification	SCL/M-factor
Acrylates copolymer	25035-69-2	-	-	10%-40%	None	-
HEMA	868-77-9	607-124-00-X	212-782-2	5%-30%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	Skin Irrit. 2, H315: C <sub>≥</sub> 20%; Eye Irrit. 2, H319: C <sub>≥</sub> 20%
Cellulose acetate butyrate	9004-36-8	-	-	0-30%	None	-
Hydroxycyclohexyl phenyl ketone	947-19-3	-	213-426-9	3%-8%	None	-
Dimethicone	9016-00-6	-	-	1%-2%	Aquatic Chronic 4, H413	-
Tris-bht mesitylene	1709-70-2	-	216-971-0	0-1%	Acute Tox. 4, H302	-

## 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. Consult 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:** Rinse mouth. Call a POISON CENTER/doctor 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:** Use CO<sub>2</sub> powder, water spray or alcohol resistant foam to extinguish.

·**Unsuitable extinguishing media:** Water with full jet.

·**5.2 Special hazards arising from the substance or mixture:** May produce irritant / allergic vapor in air under fire.

### ·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

#### ·6.1.1 For non-emergency personnel

**Protective equipment:** Wear protective gloves/ eye protection/ face protection.

**Emergency procedures:** Cut off leakage source and collect spillage timely if safe to do it; Ensure adequate ventilation; Avoid contact with skin and eyes.

#### ·6.1.2 For emergency responders

**Personal protective equipment:** Wear protective gloves/eye protection/face protection; Use respiration protection against the vapor.

### ·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 section 13.

### ·6.4 Reference to other sections:

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information.

## SECTION 7: Handling and storage

### ·7.1 Precautions for safe handling:

Read label before use; Ensure adequate ventilation at workplace; Avoid breathing vapors; Wear protective gloves/eye protection/face protection; Avoid contact with skin and eyes.

·**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-ventilated place.

·**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): See section 1.2.

## 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
868-77-9 HEMA			
Systemic effects	Long-term, inhalation exposure	4.9 mg/m <sup>3</sup>	2.9 mg/m <sup>3</sup>
	Long-term, dermal exposure	1.3 mg/kg bw/day	830 µg/kg bw/day
	Long-term, oral exposure	-	830 µg/kg bw/day
947-19-3 Hydroxycyclohexyl phenyl ketone			
Systemic Effects	Long-term, inhalation exposure	21.16 mg/m <sup>3</sup>	5.22 mg/m <sup>3</sup>
	Long-term, dermal exposure	3 mg/kg bw/day	1.5 mg/kg bw/day
	Long-term, oral exposure	-	1.5 mg/kg bw/day
1709-70-2 Tris-bht mesitylene			
Systemic Effects	Long-term, inhalation exposure	33.234 mg/m <sup>3</sup>	8.27 mg/m <sup>3</sup>
	Long-term, dermal exposure	7.14 mg/kg bw/day	3.57 mg/kg bw/day
	Long-term, oral exposure	-	3.57 mg/kg bw/day

#### PNECs:

PNEC type	Value
868-77-9 HEMA	
Freshwater	482 µg/L
Intermittent releases (freshwater)	1 mg/L
Marine water	482 µg/L
Intermittent releases (marine water)	1 mg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	3.79 mg/kg sediment dw
Sediment (marine water)	3.79 mg/kg sediment dw
947-19-3 Hydroxycyclohexyl phenyl ketone	
Freshwater	14.4 µg/L
Intermittent releases (freshwater)	144 µg/L
Marine water	1.44 µg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	186 µg/kg sediment dw
Sediment (marine water)	18.6 µg/kg sediment dw
1709-70-2 Tris-bht mesitylene	
Freshwater	1 mg/L
Intermittent releases (freshwater)	1 mg/L
Marine water	100 µg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	193 mg/kg sediment dw
Sediment (marine water)	19.3 mg/kg sediment dw
Soil	304.35 g/kg soil dw
Secondary poisoning	333 mg/kg food

· **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:** Respiration protection is recommended.

· **Protection of hands:**



### · **Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11 mm; 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, Gel
Color	Clear
Odor	Fruity (Esters)
Odor threshold	Not determined
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	Product is not self-igniting
Danger of explosion	Product does not present explosive hazard.

#### · **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
·Evapo ration rate	Not determined
·Solubility in/Miscibility with	
Water	Insoluble in water
·Partition coefficient (n -octanol/water)	Not determined
·Viscosity	
Dynamic	Not determined
Kinematic	Not determined
· 9.2 Other information	Not determined

## 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 known hazardous reaction.
- 10.4 Conditions to avoid: High temperature.
- 10.5 Incompatible materials: Peroxides, reducing agents and oxidizing agents.
- 10.6 Hazardous decomposition products: No known hazardous decomposition products.

## SECTION 11: Toxicological information

- 11.1 Information on toxicological effect s
- Acute toxicity: Based on available data, the classification criteria are not met.
- LD50/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..

868-77-9 HEMA	
Short-term toxicity to fish	LC50 (4 days) 100 mg/L

Short-term toxicity to aquatic invertebrates	EC50 (48 h) 380 mg/L NOEC (48 h) 171 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 24.1 mg/L EC50 (21 days) 90.1 mg/L LC50 (21 days) 100 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 345 - 836 mg/L NOEC (72 h) 160 - 400 mg/L
947-19-3 Hydroxycyclohexyl phenyl ketone	
Short-term toxicity to fish	LC50 (4 days) 24 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 53.9 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 4.68 - 14.4 mg/L NOEC (72 h) 700 µg/L
Toxicity to microorganisms	EC50 (3 h) 100 mg/L
1709-70-2 Tris-bht mesitylene	
Short-term toxicity to fish	LC50 (4 days) 100 mg/L
Short-term toxicity to aquatic invertebrates	LC50 (4 days) 100 mg/L EC50 (72 h) 100 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 100 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 100 mg/L NOEC (72 h) 100 mg/L
Toxicity to microorganisms	EC50 (3 h) 100 mg/L

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

868-77-9	HEMA	Readily biodegradable in water
947-19-3	Hydroxycyclohexyl phenyl ketone	Readily biodegradable in water
1709-70-2	Tris-bht mesitylene	Under test conditions no biodegradation observed

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

868-77-9	HEMA	Log Pow=0.42 at 25 °C
947-19-3	Hydroxycyclohexyl phenyl ketone	Log Pow= 2.81 at 25 °C
1709-70-2	Tris-bht mesitylene	Log Pow = 17.17

**12.4 Mobility in soil :** Low mobility in soil.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**12.6 Other adverse effects:** No known other adverse effects.

**12.7 Additional ecological information**

**General notes:** Water hazard class 1 (German Regulation) (self-assessment): Low hazard to waters.

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, not applicable
· 14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class (es) ADR, RID, ADN, IMDG, IATA Class Label	Void Void
· 14.4 Packing group ADR, RID, ADN, IMDG, IATA	Void
· 14.5 Marine pollution	Yes
· 14.6 Special precautions for user · Danger code (Kemler) · EMS number	Void Void 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): Low hazard to waters.
- 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:

H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H319 Causes serious eye irritation  
H413 May harmful to aquatic life with long lasting effects

\*\*\*\*\* The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

**DISCLAIMER OF LIABILITY:**

*The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.*

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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

**vPvB:** very persistent or very bioaccumulative

**SVHC:** Substance of Very High Concern

**LD50:** Lethal dose, 50 percent

**LC50:** Lethal concentration, 50 percent

**EC50:** Concentration of maximal effect, 50 percent

**NOEC:** No observed effect concentration

**Acute Tox. 4:** Acute toxicity, hazard category 4

**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

**Aquatic Chronic 4:** Hazardous to the aquatic environment-chronic toxic, hazard category 4

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**End of safety data sheet**