JADE BARBER
NAIL & BEAUTY
EXCELLENCE

Safety Data Sheet

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

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SDS REPORT

SDS Report No.	:	SDS201906182
Compilation Date	:	Jun. 13, 2021~Jun. 19, 2021
Trade Name	:	Marble Blooming Ink
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.

Remark: This sample is likely to be classified as cosmetics 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: *Marble Blooming Ink*

· 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: *Nail Art.*

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

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

1.1. Emergency telephone number:

Emergency tel: 07881421521

· 1.4 Emergency telephone number

General in EU:

SECTION 2: Hazards identification

·2.1 Classification of the substance or mixture

Classification according to regulation (EC) 1272/2008:

GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour

GHS07 Exclamation mark

Eye Irrit. 2 H319 Causes serious eye irritation

STOT SE 3 H336 May cause drowsiness or dizziness

·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 labelled according to the CLP regulation.*

· Hazard pictograms:

GHS02 GHS07

·Signal word: *Danger*

·Hazard statements:

H225 Highly flammable liquid and vapour

H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

· **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.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P370 + P378	In case of fire: Use CO_2 , chemical powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local regulation.

· **2.3 Other hazards**

·**Results of PBT and vPvB assessment**

PBT: Not appli able

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.: 67-64-1 EC No.: 200-662-2 Index No.: 606-001-00-8	Acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	55%
CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5	Ethanol Flam. Liq. 2, H225	20%
CAS No.: 141-78-6 EC No.: 205-500-4 Index No.: 607-022-00-5	Ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336; EUH066	10%
CAS No.: 9004-57-3 EC No.: 618-384-9	Ethylcellulose	5%
CAS No.: None	Fragrance	2%
May contain:		
CAS No.: 6410-41-9 EC No.: 229-107-2	C.I. Pigment Red 5 (CI 12490)	0-8%
CAS No.: 2706-28-7 EC No.: 220-293-0	C.I. Acid Yellow 9 (CI 13015)	0-8%
CAS No.: 3536-49-0 EC No.: 222-573-8	Acid blue 3 (CI 42051)	0-8%

SECTION 4: First aid measures

General advice: If feel unwell, get medical advice/attention.

After inhalation: Remove person to fresh air and keep comfortable for breathing. 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. Immediately call a POISON CENTER/doctor if you feel unwell.

· **4.2 Most important symptoms and effects, both acute and delayed:** Causes serious eye irritation; May cause drowsiness or dizziness.

· **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_2 , powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.

· **5.2 Special hazards arising from the substance or mixture:** May produce irritant vapor.

· **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; Eliminate all ignition source; Avoid breathing vapor; Use respiratory protective device against the effects of vapor; Wear personal protective equipment; Prevent to contact with eyes.

· **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 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:**
Use only outdoors or in a well-ventilated area; Keep away from flame source; Avoid breathing vapor; Use respiratory protective device against the effects of vapor; Prevent to contact with eyes.
·**Info rmation 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 well-ventilated place. Keep cool.
·**Information about storage in one common storage facility:** Keep out of reach of children; Keep away from flammable source.
· **Further information about storage conditions:** Keep container tightly closed.

· **7.3 Specific end use(s):** Nail Art.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

·**Ingredients with limit values that require monitoring at the workplace :**

Country	Limit value - Eight hours	Limit value - Short term
67-64-1 Acetone (55%)		
Austria	500ppm;1200mg/m³	2000ppm;4800 mg/m³
Belgium	500ppm;1210mg/m³	1000ppm;2420 mg/m³
Denmark	250ppm;600 mg/m³	500ppm;1200 mg/m³
European Union	500ppm;1210mg/m³	
Finland	500ppm;1200mg/m³	630ppm;1500mg/m³
France	500ppm;1210mg/m³	1000ppm;2420 mg/m³
Germany (AGS)	500ppm;1200mg/m³	1000ppm;2400mg/m³15 minutes average value
Germany (DFG)	500ppm;1200mg/m³	1000ppm;2400mg/m³15 minutes average value
Hungary	1210mg/m³	2420 mg/m³
Ireland	500ppm;1210mg/m³	-
Italy	500ppm;1210mg/m³	
Latvia	500ppm;1210mg/m³	-
Poland	600 mg/m³	1800 mg/m³
Spain	500ppm;1210mg/m³	-
Sweden	250ppm;600 mg/m³	500ppm;1200 mg/m³
The Netherlands	1210mg/m³	-
United Kingdom	500ppm;1210mg/m³	1500ppm;3620 mg/m³
64-17-5 Ethanol (20%)		
Austria	1000ppm;1900 mg/m³	2000ppm;3800 mg/m³
Belgium	1000ppm;1907 mg/m³	-
Denmark	1000ppm;1900 mg/m³	2000ppm;3800 mg/m³
Finland	1000ppm;1900 mg/m³	1300ppm;2500 mg/m³15 minutes average value
France	1000ppm;1900 mg/m³	5000ppm;9500 mg/m³
Germany (AGS)	500ppm;960 mg/m³	1000ppm;1920mg/m³15 minutes average value
Germany (DFG)	500ppm;960 mg/m³	1000ppm;1920mg/m³15 minutes average value
Hungary	1900 mg/m³	7600 mg/m³
Ireland	-	1000ppm15 minutes average value
Latvia	1000 mg/m³	-
Poland	1900 mg/m³	-
Spain	-	1000ppm;1910 mg/m³
Sweden	500ppm;1000 mg/m³	1000ppm; 1900mg/m³15 minutes average value
The Netherlands	260 mg/m³	1900 mg/m³
United Kingdom	1000ppm;1900 mg/m³	-
141-78-6 Ethyl acetate (10%)		
Austria	300ppm; 1050mg/m³	600ppm; 2100 mg/m³
Belgium	400ppm; 1461 mg/m³	-
Denmark	150ppm; 540 mg/m³	300ppm;1080 mg/m³
Finland	300ppm; 1100 mg/m³	500ppm; 1800 mg/m³ 15 minutes average value
France	400ppm; 1400 mg/m³	-

Germany (AGS)	400ppm; 1500 mg/m³	800ppm; 3000 mg/m³ 15 minutes average value
Germany (DFG)	400ppm; 1500 mg/m³	800ppm; 3000 mg/m³
Hungary	1400 mg/m³	1400 mg/m³
Ireland	200ppm	400ppm
Latvia	200ppm	-
Poland	200ppm	600ppm
Spain	400ppm; 1460 mg/m³	-
Sweden	150ppm; 500 mg/m³	300ppm;1100 mg/m³
United Kingdom	200ppm; 730 mg/m³	400ppm; 1460 mg/m³

· **DNELs:**

DNEL type		**DNEL worker value**	**DNEL consumer value**
64-17-5 Ethanol			
Systemic effects	Long-term, inhalation exposure	950 mg/m³	114 mg/m³
	Long-term, dermal exposure	343 mg/kg bw/day	206 mg/kg bw/day
	Long-term, oral exposure	-	87 mg/kg bw/day
Local effects	Acute /short term, inhalation exposure	1900 mg/m³	950 mg/m³
141-78-6 Ethyl acetate			
Systemic effects	Long-term, inhalation exposure	734 mg/m³	367 mg/m³
	Acute /short term, inhalation exposure	1 468 mg/m³	734 mg/m³
	Long-term, dermal exposure	63 mg/kg bw/day	37 mg/kg bw/day
	Long-term, oral exposure	-	4.5 mg/kg bw/day
Local effects	Long-term, dermal exposure	734 mg/m³	367 mg/m³
	Acute /short term, dermal exposure	1 468 mg/m³	734 mg/m³

·**PNECs:**

PNEC type	**Value**
67-64-1 Acetone	
Freshwater	10.6 mg/L
Intermittent release	21 mg/L
Marine water	1.06 mg/L
Sewage treatment plant	100 mg/L
Sediment, freshwater	30.4 mg/kg sediment dw
Sediment, marine water	3.04 mg/kg sediment dw
64-17-5 Ethanol	
Freshwater	960 µg/L
Intermittent releases (freshwater)	2.75 mg/L
Marine water	790 µg/L
Sewage treatment plant (STP)	580 mg/L
Sediment (freshwater)	3.6 mg/kg sediment dw
Sediment (marine water)	2.9 mg/kg sediment dw
141-78-6 Ethyl acetate	
Freshwater	240 µg/L
Intermittent releases (freshwater)	1.65 mg/L
Marine water	24 µg/L
Sewage treatment plant (STP)	650 mg/L
Sediment (freshwater)	1.15 mg/kg sediment dw
Sediment (marine water)	115 µg/kg sediment dw

· **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; Ensure good ventilation; See section 7 for information about design of technical facilities.

· **Personal protective equipment**

· **Respiration protection:** *Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.*

·**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	*Aromatic*
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**	*<23°C (closed cup)*
·**Flammability(solid, gas)**	*Not applicable*
·**Decomposition temperature**	*Not determined*
· **Self-ignition**	*Product is not self-igniting*
·**Danger of explosion**	*Product is not explosive. However, formation of explosive air/vapor mixtures is possible.*
·**Explosion limits**	
Lower:	*Not determined.*
Upper:	*Not determined.*
·**Oxidiz ing properties**	*No oxidation*
·**Vapor pressure**	*Not determined*
·**Density**	*Not determined*
·**Relative density**	*Not determined*
·**Vapor density**	*Not determined*
·**Evaporation rate**	*Not determined*

·**Solubility in/Miscibility with**	
Water	Soluble in water
·**Partition coefficient (n -octanol/water)**	Not determined
·**Viscosity**	
Dynamic	Not determined
Kinematic	Not determined
· **9.2 Other information**	Data not available.

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:** Heat/sparks/open flames/hot surfaces.

· **10.5 Incompatible materials:** Strong acid, strong oxidizing agent and flammable substance.

· **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

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:** Based on available data, the classification criteria are not met.
· **Serious eyes damage/ irritation:** Causes serious eye irritation.
· **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
· **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:** May cause drowsiness or dizziness.
· **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.

67-64-1 Acetone	
Short–term toxicity to fish	LC50 (4 days) 5.54 - 8.12 g/L
Short–term toxicity to aquatic invertebrates	LC50 (48 h) 8.8 g/L
Long–term toxicity to aquatic invertebrates	NOEC (28 days) 1.106 - 2.212 g/L LOEC (28 days) 2.212 g/L
Toxicity to microorganisms	EC50 (30 min) 61.15 g/L
64-17-5 Ethyl alcohol	
Short–term toxicity to fish	LC50 (4 days) 14.2 - 15.4 g/L EC50 (4 days) 12.7 - 12.9 g/L
Long–term toxicity to fish	NOEC (5 days) 250 - 1 000 mg/L

Short–term toxicity to aquatic invertebrates	EC50 (48 h) 10 g/L LC50 (48 h) 5.012 g/L
Long–term toxicity to aquatic invertebrates	NOEC (10 days) 2 - 9.6 mg/L LC50 (10 days) 1.806 g/L LC50 (48 h) 9.248 g/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 675 - 22 000 mg/L
Toxicity to aquatic plants other than algae	EC50 (7 days) 4.432 - 5.967 g/L
141-78-6 Ethyl acetate	
Short–term toxicity to fish	LC50 (4 days) 230 mg/L EC50 (4 days) 220 mg/L
Long–term toxicity to fish	NOEC (32 days) 9.65 mg/L
Short–term toxicity to aquatic invertebrates	IC50 (24 h) 346 - 655 mg/L
Long–term toxicity to aquatic invertebrates	NOEC (21 days) 2.4 mg/L EC50 (24 h) 2.306 g/L
Toxicity to aquatic algae and cyanobacteria	EC50 (48 h) 5.6 g/L NOEC (72 h) 100 mg/L

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

67-64-1	Acetone	BOD_5=1.85 g O2/g; COD= 1.92 mg O2/g; Readily biodegradable in water
64-17-5	Ethanol	BOD_5=1.067-1.236 g O_2/g; COD=1.99 g O_2/g Readily biodegradable in water
141-78-6	Ethyl acetate	BOD_5=1.24 mg O_2/g; COD=1.69 g O_2/g; Readily biodegradable

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

67-64-1	Acetone	Log Pow= -0.24 - -0.23
64-17-5	Ethanol	Log Pow = -0.77 - -0.3 at 24 - 25 ℃and pH 7 - 7.4
141-78-6	Ethyl acetate	Log Pow= 0.68 - 0.73 at 20-25 ℃and pH 7

·**12.4 Mobility in soil:** Soluble in water, high mobility in soil.

67-64-1	Acetone	Log Koc=1 at 25 ℃

· **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	UN1993
· 14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	 FLAMMABLE LIQUID, N.O.S.
· 14.3 Transport hazard class (es) ADR, RID, ADN, IMDG, IATA Class Label	 3 Flammable liquids. 3
· 14.4 Packing group ADR, RID, ADN, IMDG, IATA	 II
· 14.5 Marine pollution	No
· 14.6 Special precautions for user Danger code (Kemler) EMS Number	Warning: Flammable liquids 33 F-E,S-E
· 14.7 UN "Model Regulation"	UN1993, FLAMMABLE LIQUID, N.O.S., 3, II

SECTION 15: Regulatory information

·1 5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· MAK (German Maximum Workplace Concentration):

64-17-5	Ethanol	5

·Directive 2012/18/EU

·Named dangerou s substances-ANNEX I: None of the ingredients is listed.

·Seveso category: P5c FLAMMABLE LIQUIDS

·Qualifying quantity (tonnes) for the application of lower -tier requirements: 5000 ton(net)

·Qualifying quantity (tonnes) for the application of upper -tier requirements: 50000 ton(net)

·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.

·1 5.2 Chemical safety assessment: A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

Relevant phrases:

H225 Highly flammable liquid and vapour
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
EUH066 Repeated exposure may cause skin dryness or cracking

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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.

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 l e 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.*

GHS: *Globally Harmonized System of Classification and Labeling of Chemicals*

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*

NOEC: *No observed effect concentration*

Flam. Liq. 2: *Flammable liquids, hazard category 2*

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

STOT SE 3: *Specific target organ toxicity after single exposure, hazard category 3*

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End of safety data sheet