

**LYON BLUE
SAFETY DATA SHEET**

CREATED JANUARY 20, 2022

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

1.1 Product Identifier

Name: Lyon Blue

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

No Additional Relevant Information Available

1.2.A Application of the substance or mixture: Tattoo Ink, Mixture for use in tattoo

1.2.B. Uses advised against: Tattooing Eyeballs

1.3 Identification of the supplier of the safety data sheet

Sploosh Limited

Fairview Strand Dublin 3

HELLO@SPLOOSH.IE

1.4 Emergency telephone numbers

AUSTRIA	Telephone: +43 1 31 00 472
BELGIUM	Telephone: +32 (0) 800 120 33
BULGARIA	Telephone: +32 (0) 800 120 33
CROATIA	Telephone: +385 1 4607 555
CYPRUS	Telephone: +357 22 408 636
CZECH REPUBLIC	Telephone: +420 267 082 305/ +420 267 125 323
DENMARK	Telephone: +45 72 54 44 66
ESTONIA	Email BPR: terviseamet.ee Email CLP: terviseamet.ee
FINLAND	Telephone: +358 400 393 033/ +358 50 597 6338
FRANCE	Telephone: +33 8 20 20 18 16
GERMANY	Telephone: + 49 (0) 231 9071 2971
GREECE	Telephone: +30 210 64 79 286; +30 210 64 79 287
HUNGARY	Telephone: +36 14 76 11 34
ICELAND	Telephone: +354 591 2000
IRELAND	Telephone: +353 1 615 7552/; +353 1 614 7000
ITALY	Telephone: +370 5 264 9678
LATVIA	Telephone: +371 6703 2027
LIECHTENSTEIN	Telephone: +423 236 64 00
LITHUANIA	Telephone: +370 5 264 9678
LUXEMBOURG	Telephone : +352 275 888 1
MALTA	Telephone: +356 2395 2000
MONTE NEGRO	Telephone: +382 20 446 500
NETHERLANDS	Telephone: +31 0 317 47 18 10
NORWAY	Telephone: +47 73 58 05 00
POLAND	Telephone: +48 22 492 11 00
PORTUGAL	Telephone: +351 218 430 500
ROMANIA	Telephone: +40 21 311 86 20
SERBIA	Telephone: +381 11 7155 225

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SLOVAKIA	Telephone: +421 2 4854 4511
SLOVENIA	Telephone+ 386 14 00 60 51
SPAIN	mscbs.es
SWEDEN	Telephone: +359 2 9301 214
SWITZERLAND	Telephone: +41 (0)58 465 12 53
TURKISH	Telephone: +90 (312) 586 -31 87/31 88/ 31 89/ 31 90

SECTION 2: Hazards identification

2.1 Classification of the mixture or substance

Classification According to Regulation (EC) NO 1272/2009

Not classified, according to the GB CLP regulation.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008

Hazard Statements: EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

2.3 Other Hazards

Results of PBT and vPvB assessment

Does not contain PBT/vPvB substance greater than 0.1%

SECTION 3: Composition/ information on ingredients.

3.1 Mixtures

Name	Product identifier	Percentage%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
DISTILLED WATER	C.A.S. # 7732-18-5	40-50	According to the majority of notifications provided by companies to ECHA in CLP notifications no hazards have been classified.
PIGMENT BLUE	C.A.S.	15-25	H412: Harmful to aquatic life with long lasting effects.
PROPYLEN GLYCOL	C.A.S. # 57-55-6	5-20	According to the notifications provided by companies to ECHA in REACH registrations no hazards have been classified.
ETHYL ALCOHOL	C.A.S. # 64-17-5	1-15	H225: Flammable Liquid H302: Harmful if swallowed H319: Causes serious eye irritation H317: May cause an allergic skin reaction
POLYSORBATE 20	C.A.S. # 9005-64-5	0.20-5	According to the notifications provided by companies to ECHA in REACH registrations no hazards have been classified.

3.2 Substances

Not applicable

SECTION 4: First Aid Measures

4.1 Description of first aid measures

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- After Skin Contact: Product does not irritate the skin in general, on the contrary wash with water
- After Inhalation: Move to an area with fresh air and maintain comfortable for breathing. Seek medical attention if irritation continues.
- After Eye Contact: Rinse eyes for several minutes under running water with eyelids open, if irritation continues seek medical advice from your doctor.
- After Ingestion: Rinse the mouth with water and consult your doctor or call a poison control center.

4.2 Most important symptoms and effects, both acute and delayed

No Additional Relevant Information Available

4.3 Indication of any immediate medical attention and special treatment needed

No Additional Relevant Information Available

SECTION 5: Firefighting Measures

5.1 Extinguishing Measures

Use fire extinguishing methods appropriate to the surrounding environment such as: water spray, foam, dry powder, and Carbon Dioxide.

5.2 Special Hazard Arising from the Substance or Mixture

Toxic fumes may be released in the case of fire, avoid breathing combustion product.

5.3 Recommendation for Firefighters

Do not enter the fire area without suitable protection, self-contained breathing device, and full protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

6.1.A. For non-emergency personnel: Ventilate area of spillage.

6.1.B. For emergency personnel: Personal protective equipment, do not attempt to take action without it. For more information refer to section 8.

6.2 Environmental Precautions

Avoid release to the environment, keep the product away from surface water, groundwater, drains, any water and sewer system.

6.3 Methods and Materials for Containment and Clean Up

Soak up liquid spill into an absorbent material. Dispose of materials or solid remains in an authorized site. Wash with water, detergent and rinse.

6.4 References to Other Sections

For more information refer to section 13.

SECTION 7: Handling and Storage

7.1 Precaution for Safe Handling

Wear personal protective equipment. Follow all hygiene and health standards, by using disposable and sterile materials. Wash hands before and after handling the product. Avoid eating, drinking or smoking when using this product. Assure a well-ventilated work area. Do not mix product with incompatible solutions or mixtures.

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7.2 Conditions for Safe Storage, Including any Incompatibilities

Keep cool and dry. Store in a well-ventilated area. Keep away from high temperature, heat, and light.

7.3 Specific end Uses

No Additional Relevant Information Available

SECTION 8: Exposure controls/ personal protection

8.1 Control Parameters

Ingredients with limit values that require monitoring at the workplace: BENCYL ALCOHOL – 22 mg/m³

8.2 Exposure Controls

8.2.1. Appropriate engineering controls: Ensure proper and sufficient ventilation of the work area.

8.2.2. Individual Protection Equipment: General protective and hygienic measures to be taken. Wear suitable protective glasses, disposable gloves, and clothing.

8.2.2.1 Eye and Face Protection: Safety glasses to be used in order to avoid contact with the eyes and/or face.

8.2.2.2 Body, Hand and Skin Protection: Wear proper protective clothing and gloves. For hygienic and health purposes disposable gloves, that are impermeable and resistant, are necessary.

8.2.2.3. Respiratory Protection: In case of inadequate ventilation, wear appropriate respiratory equipment. For hygienic and health purposes disposable masks must be used.

8.2.3 Environment Exposure Controls: Avoid release to the environment and water systems.

8.2.4. Thermal Hazard: No Additional Relevant Information Available

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical state	Liquid
Color	Blue
Odour	Characteristic odour
Melting/ Freezing point	No data available
Boiling point or initial boiling point and range	> 100 °C
Flammability	Not applicable
Lower and upper explosion limit	Not applicable
Flash point	> 93 °C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	6.0 – 7.0
Kinematic viscosity	Not applicable
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapour pressure	No data available
Relative density	No data available
Relative vapour density at 20 °C	No data available
Particle size	No data available

9.2 Other Information

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Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidizing gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidizing Liquids	Void
Oxidizing solids	Void
Organic Peroxides	Void
Corrosive to Metals	Void
Desensitized Explosives	Void

SECTION 10: Stability and Reactivity

10.1 Reactivity

No Additional Relevant Information Available

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

No relevant or dangerous reaction is known under normal conditions of use.

10.4 Conditions to Avoid

No Additional Relevant Information Available

10.5 Incompatible Materials

No Additional Relevant Information Available

10.6 Hazardous Decomposition Productions

No dangerous decompositions productions known, under normal conditions of storage and use.

SECTION 11: Toxicological Information

11.1 Information on Hazard Classes as Defined in Regulation (EC) No 1271/2008

Acute Toxicity	Not Classified
Skin Corrosion/irritation	Not Classified
Serious Eye Damage/ irritation	Not Classified
Respiratory or Skin Sensitization	Not Classified
Germ Cell Mutagenicity	Not Classified
Carcinogenicity	Not Classified

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OSHA	May be mildly irritating to eyes
Reproductive Toxicity	Not Classified
Stot-single exposure	Not Classified
Stot- repeated exposure	Not Classified
Aspiration Hazard	Not Classified

11.2 Information on Other Hazards

No Additional Relevant Information Available

SECTION 12: Ecological Information

12.1 Toxicity

Aquatic Toxicity(acute, short- term): No Additional Relevant Information Available

Aquatic Toxicity (chronic, long- term): No Additional Relevant Information Available

12.2 Persistence and Degradability

Not applicable

12.3 Bio accumulative Potential

Not applicable

12.4 Mobility in Soil

Not applicable

12.5 Results of PBT and vPvB assessment

This mixture/substance does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Endocrine Disrupting Properties

This mixture does not contain substances with endocrine disrupting properties.

12.7 Other Adverse Effects

No Additional Relevant Information Available

Generally this product is not considered harmful to the environment or hazardous for water.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Dispose of contents must be made according to official regulations.

Avoid sewage disposal.

SECTION 14: Transport Information

14.1 UN Number or ID Number

ADN, ADR, IATA, IMDG, RID : Not Regulated.

14.2 UN Proper Shipping Name

ADN, ADR, IATA, IMDG, RID : Not Regulated.

14.3 Transport Hazard Class(es)

ADN, ADR, IATA, IMDG, RID : Not Regulated.

14.4 Packing Group

ADN, ADR, IATA, IMDG, RID : Not Regulated.

14.5 Environmental Hazards

ADN, ADR, IATA, IMDG, RID : Not Regulated.

14.6 Special Precautions for Users:

Air, rail, overland, sea, and inland waterway transportation: Not Regulated

14.7 Transport in Bulk According to Annex II of Marpol and the IBC CODE

Not applicable

SECTION 15: Regulatory Information

15.1 Safety, Health, and Environmental Regulations/ Legislation Specific for the Substance or Mixture

15.1.A. EU-Regulations

Named dangerous substances – ANNEX I : None of the ingredients is listed. Has no REACH Annex XIV substances. Has no REACH substances with Annex XVII restrictions. Has no substance on the REACH candidate list. Has no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Has no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants. Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer. Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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. COMMISSION REGULATION (EU) 2020/2081 of 14 December 2020 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards substances in tattoo inks or permanent make-up, Official Journal of the European Union as of 15th December 2020, L 423/6. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006. Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC. Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008. Official Journal of the European Union 27.7.2012, No L 201/60. Classification EC 67/548 or EC 1999/45. Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the unlawful manufacture of narcotic drugs.

15.1.B. National Regulations

15.2 Chemical Safety Assessment

No Additional Relevant Information Available

SECTION 16: Other Information

16.1 Method of Use

For professional use only, shake the bottle well before use, use within 12 months of opening. Keep in a cool, dry place away from light and heat. Do not use in eyeballs. Follow hygiene and health regulations in accordance to the usage of this product.

16.2 Information of the Mixture

Preform preventative allergy tests. Consult your medic before moving forward with treatments on subjects who resulted positive for allergies.

16.3 Operators

This product is intended for the use of professional personnel, which have the proper qualifications require by national regulations for the execution of a tattoo and or permanent makeup. The execution of such much take place in proper facilities in compliance with national regulations.

16.4 Abbreviations and Acronyms

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways ADR
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE Acute Toxicity Estimate
BCF Bioconcentration factor
BLV Biological limit value
BOD Biochemical oxygen demand (BOD)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
COD Chemical oxygen demand (COD)
DMEL Derived Minimal Effect level
DNEL Derived-No Effect Level

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EC-No. European Community number
EC50 Median effective concentration
ED Endocrine disrupting properties
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
EN European Standard
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
IARC International Agency for Research on Cancer
IATA: International Air Transport Association
IMDG International Maritime Dangerous Goods
LC50 Median lethal concentration
LD50 Median lethal dose
LOAEL Lowest Observed Adverse Effect Level
N.O.S. Not Otherwise Specified
NOAEC No-Observed Adverse Effect Concentration
NOAEL No-Observed Adverse Effect Level
NOEC No-Observed Effect Concentration
OECD Organisation for Economic Co-operation and Development
OEL Occupational Exposure Limit
PBT: Persistent, Bioaccumulative and Toxic
PNEC Predicted No-Effect Concentration
RID Regulations concerning the International Carriage of Dangerous Goods by Rail SDS Safety Data Sheet
STP Sewage treatment plant
ThOD Theoretical oxygen demand (ThOD)
TLM Median Tolerance Limit
VOC Volatile Organic Compounds
vPvB Very Persistent and Very Bioaccumulative

Disclaimer

This safety data sheet contains only safety relevant information. The information is based on the true state of our knowledge, which is believed to be correct, at the time of revision. It does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship.