Revision: 01.02.2023

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 01.02.2023

Version number 5 (replaces version 4)

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

· 1.1 Product identifier

· Trade name: Laguna Blu

· Article number: G18-010

· UFI: CG20-M0GG-8004-UCTN

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

· Life cycle stages

PW Widespread use by professional workers

C Consumer use

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- Product category PC35 Washing and cleaning products (including solvent based products)
- · Application of the substance / the mixture Fabric deodorant
- · Uses advised against Any use other than those identified is not recommended.
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

G.B.M. Elettrochimica s.r.l.

via Fiumicino S. Mauro 120/130 - 47039 Savignano sul Rubicone (FC)

tel. 0541/930058 - Fax 0541/810218

www.gbmprodottichimici.it - E-mail gbm@prodottichimici.it

- · Further information obtainable from: info @gbmprodottichimici.it
- 1.4 Emergency telephone number:

G.B.M. Elettrochimica srl - Tel. +39 0541 930058 (office hours)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2 H319

Causes serious eye irritation.

Skin Sens. 1 H317

May cause an allergic skin reaction.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms





GHS02 GHS07

- · Signal word Danger
- · Hazard-determining components of labelling:

Linalool

3,7-Dimethyl-6-octen-1-ol

Hydroxycitronellal

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3,7-dimethyl-3-octanol

Coumarin

3.7-dimetil-2,6-ottadien-1-olo

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

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

Precautionary statements

If medical advice is needed, have product container or label at hand. P101

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· vPvB: Not applicable.

· Determination of endocrine-disrupting properties

CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran List II

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Dangerous components:		
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane, pure Flam. Gas 1A, H220; Acute Tox. 3, H331; Press. Gas (Comp.), H280	40-60%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	15-25%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	15-25%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225; Eye Irrit. 2, H319	5-15%

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	(Co	ontd. of page 2)
CAS: 80-54-6 EINECS: 201-289-8 Reg.nr.: 01-2119485965-18- xxxx	2-(4-tert-Butylbenzyl)propionaldehyde Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 1222-05-5 EINECS: 214-946-9 Index number: 603-212-00-7 Reg.nr.: 01-2119488227-29- 0000	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8- hexamethylindeno[5,6-c]pyran Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.1-<1%
CAS: 54464-57-2 EINECS: 259-174-3 Reg.nr.: 01-2119489989-04- 0000	1-(2,3,8,8-tetramethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-2-yl)ethan-1-one Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	0.1-<1%
CAS: 78-70-6 EINECS: 201-134-4 Reg.nr.: 01-2119474016-42-	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0.01-0.1%

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- General information:

Take affected persons out into the fresh air.

Rescue workers must wear the protective equipment described in section 8.2 of this safety data sheet.

· Additional information: For the wording of the listed hazard phrases refer to section 16.

· IF INHALATED:

Supply fresh air.

Supply fresh air; consult doctor in case of complaints.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

If ingested do not induce vomiting, seek medical assistance showing the safety data sheet or the hazard label

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

No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, sand, extinguishing powder. Do not use water.

Use fire extinguishing methods suitable to surrounding conditions.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

- · 5.3 Advice for firefighters
- · Protective equipment:

Wear personal protective clothing.

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See Section 8 for information on personal protection equipment.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Absorb liquid components with liquid-binding material.

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

Open and handle receptacle with care.

Avoid contact with eyes and skin.

You should follow the usual precautions for handling chemical products

Information about fire - and explosion protection:

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

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

CAS: 106-97-8 butane, pure (40-60%)

OEL Short-term value: 1000 ppm

CAS: 74-98-6 propane (15-25%)

OEL Asphx

CAS: 75-28-5 isobutane (15-25%)

OEL Short-term value: 1000 ppm

CAS: 64-17-5 ethanol (5-15%)

OEL Short-term value: 1000 ppm

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		(Contd. of page	
CAS: 345	590-94-8 Dipropylene glyco	I monomethyl ether (0.1-<1%)	
	ng-term value: 308 mg/m³, 50 IOELV) ppm	
	IOELV		
DNELs			
CAS: 64-	-17-5 ethanol		
Oral	Long term, systemic effect	87 mg/kg (general population)	
Dermal	Long term, systemic effect	206 mg/kg (general population)	
		343 mg/kg (professional workers)	
Inhalative	Short term, local effect	950 mg/m3 (general population)	
		1,900 mg/m3 (professional workers)	
	Long term, systemic effect	114 mg/m3 (general population)	
		950 mg/m3 (professional workers)	
PNECs			
CAS: 64-	-17-5 ethanol		
PNEC 2.	.9 mg/kg (marine water sedin	nents)	
0.	.63 mg/kg (soil)		
PNEC 3.	3.6 mg/l (freshwater)		
28	284.74 mg/l (fresh water sediments)		
58	580 mg/l (sewage treatment plant)		
	5 (5 T II I	•	

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures: Wash hands before breaks and at the end of work.
- · Respiratory protection: Not required.
- · Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Neoprene gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Breakthrough time:> = 480 min - Material thickness:> = 0.7 mm

Breakthrough time:> = 60 min - Material thickness:> = 0.5 mm

Breakthrough time:> = 30 min - Material thickness:> = 0.2 mm

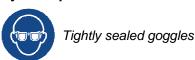
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· Eye/face protection



SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Aerosol Colourless · Colour: · Odour: Pleasant · Odour threshold: Not determined. · Melting point/freezing point: -100 °C (propellente)

· Boiling point or initial boiling point and

boiling range -42 °C (propellente) · Flammability Not applicable.

· Lower and upper explosion limit

· Lower: 1.8 Vol % · Upper: 9.5 Vol %

· Flash point: Not applicable, as aerosol.

· Ignition temperature: >400 °C

· pH Not determined.

· Viscosity:

· Kinematic viscosity Not determined. · Dynamic: Not determined.

Solubility

· water: Insoluble.

· Partition coefficient n-octanol/water (log

value) Not determined. Vapour pressure: Not determined.

Density and/or relative density

Density at 20 °C: 0.65 g/cm3 Relative density Not determined. · Vapour density at 20 °C 0.65 g/cm3 · Relative gas density >2 (propellente)

· 9.2 Other information

· Appearance:

· Form: Aerosol

· Important information on protection of health

and environment, and on safety.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Not determined.

· Change in condition

· Evaporation rate Not applicable.

· Information with regard to physical hazard

classes Void Explosives · Flammable gases Void

Extremely flammable aerosol. Pressurised · Aerosols

container: May burst if heated.

 Oxidising gases Void · Gases under pressure Void · Flammable liquids Void

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· 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	
· Oxidising liquids	Void	
· Oxidising solids	Void	
Organic peroxides	Void	
· Corrosive to metals	Void	
· Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No hazardous reactions when stored and handled according to instructions
- · 10.2 Chemical stability The product is stable under normal conditions of use and storage
- Thermal decomposition / conditions to be avoided:
 No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid Excessive variations in temperature, below 0 ° C and above 40 ° C
- 10.5 Incompatible materials: Avoid contact with acids and oxidants.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50	· LD/LC50 values relevant for classification:		
ATE (Acu	ATE (Acute Toxicity Estimates)		
Oral	LD50	28,571 mg/kg	
CAS: 106	CAS: 106-97-8 butane, pure		
Inhalative	LC50/4 h	658 mg/l (rat)	
CAS: 64-1	CAS: 64-17-5 ethanol		
Oral	LD50	7,060 mg/kg (rat)	
Inhalative	LC50/4 h	20,000 mg/l (rat)	
CAS: 80-5	CAS: 80-54-6 2-(4-tert-Butylbenzyl)propionaldehyde		
Oral	LD50	500 mg/kg (ATE)	
CAS: 78-7	CAS: 78-70-6 Linalool		
Oral	LD50	2,790 mg/kg (rat)	
Dermal	LD50	5,610 mg/kg (rabbit)	

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Causes serious eye irritation.
- · Respiratory or skin sensitisation 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.

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· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability Easily biodegradable
- · 12.3 Bioaccumulative potential Non significant accumulation in organisms
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Do not discard the product or its packaging. Do not empty into drains. Recycle the product. When recycling is not possible, dispose through an authorized company in compliance with the local or national regulations. The assignment of the waste code is the user's responsibility, after determining the properties of the waste and the process generating it and after discussing it with the authorities responsible for disposal.

- · Uncleaned packaging:
- Recommendation:

Empty the containers before disposal. Do not reuse the emptied containers. Send the empty containers to recycling or to an authorized company in compliance with local and national

Recommended cleansing agents: Water.

SECTION 14: Transport informa	ation	
· 14.1 UN number or ID number		
· ADR, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
· ADR	1950 AEROSOLS	
· IMDG	AEROSOLS	
· IATA	AEROSOLS, flammable	
		(Contd. on page

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(Contd. of page 8) · 14.3 Transport hazard class(es) · ADR 2 5F Gases. · Class · Label 2.1 · IMDG, IATA 2.1 Gases. · Class · Label 2.1 · 14.4 Packing group Void · ADR, IMDG, IATA · 14.5 Environmental hazards: · Marine pollutant: No · 14.6 Special precautions for user Warning: Gases. · Hazard identification number (Kemler code): F-D,S-U · EMS Number: · Stowage Code SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity · Segregation Code of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. · 14.7 Maritime transport in bulk according to IMO instruments Not applicable. · Transport/Additional information: · Limited quantities (LQ) 1L Code: E0 · Excepted quantities (EQ) Not permitted as Excepted Quantity · Transport category 2 · Tunnel restriction code D · IMDG · Limited quantities (LQ) 1L · Excepted quantities (EQ) Code: E0 Not permitted as Excepted Quantity

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· UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

Safety data sheet prepared in accordance with Regulation 1907/2006/EC Article 31, Regulation (EU) No 878/2020 as subsequent amendments.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

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

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H361 Suspected of damaging fertility or the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

· Classification according to Regulation (EC) No 1272/2008

As required by Regulation 1272/2008/CE art. 9, the classification of this compound is based on the calculation method taken from the data of the single substances therein and from the experimental data of this compound where available (viewable in sections 9, 11 and 12 in this document).

Procedure used for the classification of the mixture

Skin Sens 1 / 1A / 1B, H317 -Calculation method

Eye Irrit. 2, H319 - Calculation method

- · Date of previous version: 01.02.2023
- · Version number of previous version: 4
- · Abbreviations and acronvms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols - Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids - Category 2 Acute Tox. 4: Acute toxicity – Category 4 Acute Tox. 3: Acute toxicity – Category 3 Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation - Category 1 Repr. 2: Reproductive toxicity – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

* Data compared to the previous version altered.