

SAFETY DATA SHEET

According to Regulation (EU) No 2015/830 amending Annex II of Regulation (EC) No 1907/2006 (REACH).

Trade name: PROTÓN CRISTAL BLUE - MIXER

Revision date: 17/01/2022

Date of printing: 17/01/2022

Version: 1st

Page: 1 of 8

SECTION 1: Identification of the substance or mixture and of the company or firm

1.1. Product identifier	
Trade name	PROTON CRYSTAL BLUE - MIXER
1.2. Relevant identified uses of the substance and uses advised against	
Identified uses	: Astringent and refreshing lotion. Cosmetic product. Instructions for use: Apply to the area to relieve mild skin discomfort due to rubbing and insect bites.
Not recommended uses	: Not known.
1.3. Details of the supplier of the safety data sheet	: TATTOO PROTON S.L.
Address	: C/ Real, 44 24398 Congosto (León) - Spain
Telephone number	: +34 644 654 623
E-mail address of the person responsible for the SDS	: Europe@tattoo proton.com
1.4. Emergency telephone	Tel. +34 644 654 623
Availability	Monday to Friday - office hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
Product definition	: Mixing
CLP Classification	Not classified as hazardous according to Regulation (EC) No. 1272/2008 (CLP).
2.2. Label elements	
CLP labeling	Not applicable.
Specific labeling	See section 15.1 of this safety data sheet.
2.3. Other hazards	
Compliance with PBT or vPvB criteria	The product does not contain substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components:

Chemical Name / INCI	Content (% by weight)	CAS NO.	EC NO.	Index No.	REACH Registrat ion No.	CLP* classification	Specific concentration limits
Alcohol	5	64-17-5	200-578-6	-	01-2119457610-43 XXXX	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	-
Phenoxyethanol	0,2	122-99-6	204-589-7	-	-	Eye Irrit. 2 H319 STOT SE 3 H336	-
Ethylhexylglycerin	0,2	70445-33-9	408-080-2	-	-	Eye Irrit. 2 H319 STOT SE 3 H336	-
Potassium Sorbate	0.1	24634-61-5	246-376-1	019-003-00-3	-	Eye Irrit. 2 H319	-

*Full text of hazard statements (H): see section 16.

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Trade name: PROTÓN CRISTAL BLUE - MIXER

Revision date: 17/01/2022

Printing date: 01/17/2022

Version: 1st

Page: 2 from 8

SECTION 4: First aid

4.1. First aid description	
General notes	In cases of doubt, or when symptoms persist, seek medical attention.
In case of inhalation	Supply fresh air. Seek medical attention if necessary.
In case of skin contact	: None required.
In case of contact with eyes	Immediately flush with plenty of water (for 10 minutes) keeping eyelids apart. Seek medical attention if necessary.
In case of ingestion	Do not induce vomiting. DO NOT give anything to an unconscious person. Consult medical advice.
Protection of the first aid provider	Unidentified.
4.2. Main symptoms and acute and delayed effects	Unidentified.
4.3. Indication of any medical care and special treatments that the patient may require. should be dispensed immediately	Symptomatic treatment.

SECTION 5: Fire fighting measures

Extinguishing media	
Suitable extinguishing media	Use water spray, foam, dry chemical powder or carbon dioxide.
Unsuitable extinguishing media	Do not use powerful water flows.
5.2. Specific hazards arising from the substance or mixture	
Fire hazard	The product is non-flammable.
Danger of explosion	: None.
Hazardous combustion products	In case of fire, hazardous fumes (COx) may be produced.
5.3. Recommendations for firefighting personnel	In case of fire, wear personal respiratory protective equipment. Firefighters should wear fire resistant protective equipment.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures.	
For non-emergency services personnel	Wear gloves and protective clothing. Warn the affected environment.
For emergency personnel	Wear gloves and protective clothing. Warn affected environment. Evacuate the area.
6.2. Environmental precautions	Prevent the product from reaching rivers, lakes or sewage systems.
6.3. Methods and material for containment and cleanup	Eliminate spillage with absorbent material. Wash the residues with plenty of water and/or degreasing agents.

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Trade name: PROTÓN CRISTAL BLUE - MIXER

Revision date: 17/01/2022

Date of printing: 17/01/2022

Version: 1st

Page: 3 from 8

Reference to other sections

For more information see sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for Safe Handling

Protection and prevention measures

Open and handle the product with caution. Use protective measures as indicated in section 8. Avoid spilling on the floor. The product may be slippery.

General recommendations on occupational hygiene measures

Do not eat, drink or smoke while handling the product. Wash hands after handling the product.

Store in a cool, dry and well-ventilated place. Keep container tightly closed. Keep away from sunlight.

7.2. Storage conditions insurance, including possible incompatibilities

For external use only.

7.3. Specific end uses

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limit values

Hazardous components of the mixture: Available data are presented for the hazardous components of the mixture:

Identification	Professional exp. limit value		Country
	8 hours	Short term	
Alcohol CAS: 64-17-5	200 ppm; 500 mg/m ³	400 ppm; 1000 mg/m ³	Spain

DNELs and PNECs

DNELs and PNECs values are not available for the mixture itself.

8.2. Exposure controls Appropriate engineering controls

Avoid spilling on the floor. Product may be slippery.

Individual protection measures, such as personal protective equipment

Eye/face protection

Not required under normal conditions of use.

Skin protection

Not required under normal conditions of use.

Hand protection

Not required under normal conditions of use.

Respiratory protection

Not required under normal conditions of use.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Clear, bluish liquid

Odor

: Hydroalcoholic roses

Olfactory threshold

: No Apply

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Trade name: PROTÓN CRISTAL BLUE - MIXER

Revision date: 17/01/2022

Printing date: 01/17/2022

Version: 1st

Page: 4 from 8

pH	: 6,5
Melting point / freezing point	: >70°C / <0°C
Initial boiling point and boiling range	Not available / Not applicable.
Flash point	TEMPERATURE: >200°C. Non-flammable.
Evaporation rate	Not available / Not applicable.
Flammability	Non-flammable.
Upper/lower flammability or explosion limits	Not available/ Not applicable.
Vapor pressure	Not available / Not applicable.
Vapor density	Not available / Not applicable.
Relative density	Not available / Not applicable.
Solubility	Soluble in water.
Partition coefficient n-octanol/water	Not available / Not applicable.
Auto-ignition temperature	Non self-flammable.
Decomposition temperature	Not available / Not applicable.
Viscosity	: Liquid.
Explosive properties	Non explosive.
Oxidizing properties	No oxidizing properties.
9.2. Additional information	No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity of the substance or mixture	See section 10.3.
10.2. Chemical stability	: Stable product under normal conditions of use.
10.3. Possibility of hazardous reactions	No dangerous reactions known.
10.4. Conditions to avoid	Avoid high temperatures, keep away from sunlight.
10.5. Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In case of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects	
a) Acute toxicity	:

Data available on the hazardous components of the mixture:

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Trade name: PROTÓN CRISTAL BLUE - MIXER

Revision date: 17/01/2022

Date of printing: 17/01/2022

Version: 1st

Page: 5 from 8

Identification	Exposure pathway	Effective dose	Species
Alcohol CAS: 64-17-5	Oral Inhalation Cutaneous	LD50 = 2 840 mg/kg LC50 = 5 000 mg/m ³ 13 900 mg/kg bw	Rat Rat Rabbit
Ethylhexylglycerin CAS: 70445-33-9	Oral Inhalation	LD50 = 1800 mg/kg LOAEC = 300 mg/	Rat Rat
Phenoxyethanol, CAS: 122-99-6	Oral Inhalation Cutaneous	LmD350=5840mgkg LC50 = 25 000 mg/m ³ 13 900 mg/kg bw	Rat Rat Rabbit
Potassium Sorbate CAS: 24634-61-5	Oral Inhalation	LD50 = 2800 mg/kg LOAEC = 30 mg/m3	Rat Rat

Estimated mixture data:

ATEmix (oral) > 2000 mg/kg

ATEmix (dermal) > 20000 mg/kg

Conclusion: Not classified.

b) Skin corrosion or irritation	: Not classified.
c) Serious eye damage or eye irritation	: Not classified.
d) Respiratory or skin sensitization	: Not classified.
e) Mutagenicity in germinal cells	: Not classified.
f) Carcinogenicity	: Not classified.
g) Reproductive toxicity	: Not classified.
h) Specific target organ toxicity (STOT) - single exposure	: Not classified.
(i) Specific target organ toxicity (STOT) - repeated exposure	: Not classified.
j) Aspiration hazard	: Not classified.

SECTION 12: Ecological information

12. Toxicity

Data available on the hazardous components of the mixture:

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Revision date: 17/01/2022

Date of printing: 17/01/2022

Version: 1st

Page: 6 of 8

Identification	Type	Effective dose	Species
Alcohol CAS: 64-17-5	Fish Aquatic invertebrates Aquatic plants	LC50 = 9640-10000 mg/l/96h LC50 >10000 mg/l/24h LC3 = 1800 mg/l/7d	Pimephales promelas Daphnia magna Scenedesmus quadricauda
Ethylhexylglycerin CAS: 70445-33-9	Fish Aquatic invertebrates Aquatic plants	LC50 = 41-2070 mg/l/96h EC50 > 100 mg/l/48h EC50 > 300 mg/l/72h	Lepomis macrochirus Daphnia magna Pseudokirchneriella subcapitata
Phenoxyethanol, CAS: 122-99-6	Fish Aquatic invertebrates Aquatic plants	LC50 = 9640-10000 mg/l/96h LC50 >10000 mg/l/24h LC3 = 1800 mg/l/7d	Pimephales promelas Daphnia magna Scenedesmus quadricauda
Potassium Sorbate CAS: 24634-61-5	Fish Aquatic invertebrates Aquatic plants	LC50 = 41-2070 mg/l/96h EC50 > 100 mg/l/48h EC50 > 300 mg/l/72h	Lepomis macrochirus Daphnia magna Pseudokirchneriella subcapitata

12.2. Persistence and degradability

No information is available on the persistence and degradability of the product.

12.3. Bioaccumulation potential

Bioaccumulation : No information on bioaccumulation is available.

12.4. Mobility on the ground

No information on soil mobility is available.

12.5. PBT and vPvBm assessment results

The product does not contain substances classified as PBT or vPvB.

12.6. Other adverse effects

: Not known.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Appropriate methods for the disposal of residues of the substance/mixture

: Dispose of in accordance with local/national regulations. Do not dispose by direct discharge into rivers or sewers.

Appropriate methods for disposal of contaminated containers

: Handle contaminated containers as well as the product itself.

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Revision date: 17/01/2022

Date of printing: 17/01/2022

Version: 1st

Page: 7 from 8

SECTION 14: Transport information

	ADR/RID	AND/ADNR	IMDG	IATA
14.1. UN Number	The product is not classified as hazardous for transport.			
14.2. United Nations proper shipping name				
14.3. Transport hazard class(es)				
14.4. Packing group				
14.5. Hazards to the environment				
14.6. Special precautions for users				
14.7. Transport in bulk according to Annex II of the Marpol 73/78 Convention and the IBC Code				

SECTION 15: Regulatory information

15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture	
EU Regulations	
REACH Authorizations	The product does not contain substances that are on the list of candidate products for SVHC, nor on Annex XIV of REACH.
REACH Restrictions on Use	The product does not contain substances listed in Annex XVII of REACH.
Cosmetics regulation	The product complies with Regulation (EC) 1223/2009 on cosmetic products. The product must be labeled according to Chapter VI, Article 19. List of ingredients: Aqua, Glycerin, Alcohol, Phenoxyethanol, Ethylhexylglycerin, Potassium Sorbate, Rosa Gallica, C.I. 42090.
National Regulations	The product complies with Royal Decree 1599/1997, which regulates cosmetic products.
15.2. Chemical safety assessment	Chemical safety assessment: A chemical safety assessment has not been performed for the product.

SECTION 16: Other information

Modifications with respect to the previous file	This is the first version of SDS. The format has been adapted to the requirements of EU Regulation 2015/830, which amends Annex II of the REACH Regulation.
Acronyms and Acronyms	SDS: Safety Data Sheet PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and very Bioaccumulative DNEL: Derived Non-Effect Level PNEC: Predicted no-effect concentration SVHC: Substances of Very High Concern. ATEmix: Acute toxicity estimation of the mixture.

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Revision date: 17/01/2022

Printing date: 01/17/2022

Version: 1st

Page: 7 of 8

Data sources

Material Safety Data Sheets for the components of the mixture.

<https://echa.europa.eu/es/>

<https://ec.europa.eu/growth/tools-databases/cosing/>

<https://limitvalue.ifa.dguv.de/>

Full text of hazard statements (H)

H225: Highly flammable liquid and vapors.

H319: Causes serious eye irritation. H332:

Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H373: May cause damage to organs through prolonged or repeated exposure.

Recommendations for employee training

It must provide workers with specific information and training in the field of safety.

NOTES

This information relates only to the product described in this data sheet and may not be valid if used in conjunction with other product(s) or in any process. The information presented is based on our best current level of knowledge and is provided in good faith but cannot be guaranteed or warranted as to its accuracy or reliability. It is a guide to the safe handling, use, processing, storage, transportation and disposal of this substance and should not be considered a warranty or quality specification.