



# Material Safety Data Sheet

## Jagua temporary tattoo gel

### 1. Identification of the Substance and the Company

Substance trade name:	Jagua temporary tattoo gel
Harmonized Code:	3304 99 00 00
CAS Number:	-
EINECS Number:	-
Document composed by:	drs. Ing. A.R. de Raad for and behalf Blue Leaf B.V.
Manufacturing body:	Blue Leaf B.V.
Intended use of the substance or preparation:	For external use as a cosmetic product (i.e. beautification), to temporarily colour the skin
Company name:	Blue Leaf B.V.
Company address:	Oldengarde 44, 9331LX Norg, The Netherlands
Company website address:	<a href="http://www.jaguahenna.com">http://www.jaguahenna.com</a>
Email:	<a href="mailto:info@jaguahenna.com">info@jaguahenna.com</a>
Telephone:	+31 50 211 3804 (Weekly 9am – 5pm GMT +1)
Emergency telephone number:	+31 6 57 94 80 88 / +31 6 40 23 36 53



## 2. Composition

The substance composition is an aqueous gel formulation containing the following ingredients: Genipa Americana, Xanthan Gum, Citric Acid, Potassium Sorbate, Olive squalane and Sodium Benzoate. Because there is no specific CAS number nor EINECS number allocated for the watery Genipa Americana L. liquid extract solution, information for each active ingredient is provided below:

Substance Ingredient	CAS number	EINECS number	Classification
Genipa Americana L. fruit extract **	6902-77-8 (Genipin)	310-127-6	Colourant
Xanthan gum	11138-66-2	234-394-2	Thickener
Citric acid	77-92-9	201-069-1	Preservative
Potassium sorbate	110-44-1	203-768-7	Preservative
Olive squalane	84604-14-8	283-291-9	Penetration enhancer
Sodium Benzoate	532-32-1	208-534-8	Preservative

*\*\*Genipa Americana - Genipin is extracted and contained within a solution of aqua and Genipin. By nature of the extraction process we estimate that Genipin levels are  $< 7.8 \pm 0.3$  mg/g. Other naturally forming chemical constituents of the Genipa Americana fruit pulp can also be contained within this solution. Such present constituents may be: D Mannitol, Carbohydrates, Tartaric Acid, Genipic acid, Hydatoxin, Caffeine & Calcium.*

## 3. Hazards Identification

Most important hazards: The substance is an aqueous gel, so avoid slipping on any spillages.

Specific hazards: There are no known hazards specifically identified nor associated with this substance.

## 4. First Aid Measures

Skin contact: Not applicable.

Eye contact: Wash eyes with lots of water while lifting the eye lid; seek medical attention should irritation occur.

Ingestion: Do not induce vomiting. Seek medical attention if irritation develops after ingestion.

Inhalation: Not applicable.

## 5. Fire Fighting Measures

The substance is non-flammable.

Suitable extinguishing media: Water

Unsuitable extinguishing media: Not applicable

Special hazards in fire: None

Required special protective equipment for fire-fighters: No extraordinary equipment



## 6. Accidental Release Measures

Personal precautions:

If spilled onto the floor, avoid slipping on the substance during the clean-up procedure.

Environmental precautions:

This substance poses no specific threat to the environment; however, it is recommended that any accidental spills are cleaned up and disposed of in accordance with local regulations for the disposal of non-hazardous products.

Methods for Cleaning:

Follow usual in-house procedures for cleaning up and disposing of non-hazardous products, in accordance with good working practices and local regulations.

## 7. Handling and Storage

Handling:

Handle with care, this substance can temporarily stain the skin (a non-hazardous and temporary effect). Protective gloves are recommended to avoid unwanted colouring of the skin during handling; neoprene, nitrile or natural rubber (latex) are all suitable materials for gloves. Disposable aprons are also recommended to protect clothing from accidental, unwanted colouring.

Expose the substance for the shortest possible time during the filling procedure. Exposure to the atmosphere will degrade the colouring properties of the substance.

Sterilization of containers and material is recommended. Otherwise, clean filling lines with a hot soapy water solution, to ensure that all the substance has been removed.



**Storage:** Exposure to the atmosphere degrades the colouring properties of the substance. The deterioration process depends on the level of exposure to oxygen, humidity, and temperature. The product should be stored in original, unopened containers in a cool, dry place.

The substance will maintain its colouring properties for a minimum of 12 months if stored at -20 degrees Celsius. The substance should be stored below 7 degrees Celsius, unexposed to direct sunlight, when used within 30 days.

**Packaging:** The substance is supplied in sealed pouches that provide protection against the degradation caused due to the presence of oxygen and sunlight.

## 8. Exposure Controls

**Control parameters** No specific requirement.

**Personal protection equipment:** Advisable; disposable apron/protective clothing to protect clothing from colouration through accidental contact with the substance.

**Eye protection:** Wear approved safety goggles. Provide eyewash, quick drench.

**Hand protection:** Advisable; disposable gloves to protect the skin from temporary colouration through accidental contact with the substance.

**Respiratory protection:** No specific requirement

## 9. Physical and Chemical Properties

**Appearance:** Aqueous gel

**Colour:** Dark blue to black

**Odour:** Fruity / sweet

**pH range:** 3 - 5

**Boiling point:** 59 °C

**Melting point:** Not applicable

**Flashpoint:** Unknown; this product is not classified as flammable nor combustible under the UN classification system.

**Vapour pressure:** Unknown

**Relative density:** 1,66 g/L

**Solubility:** Soluble in water: 4,0 g/L at 20 °C

**Viscosity:** 102 to 104 cP



## 10. Stability and Reactivity

Conditions to avoid:	Exposure to the atmosphere, heat, sunlight, and fluctuating temperatures.
Materials to avoid:	Unknown
Hazardous decomposition products:	Unknown

## 11. Toxicological information

Genipa Americana L. Liquid Extract does not contain Carcinogenic, mutagenic or toxic for reproduction (CMR) substances classified in category 1A, 1B, or 2 under Part 3 of Annex IV of Regulation (EC) No 1272/2008 and does not contain substances classified as prohibited of Annex II and Annex III of Regulation (EC) No 1223/2009. According to information available, this substance is nontoxic under normal conditions and is not classified in EEC listing.

The Genipa Americana L. fruit pulp and juice has been used for centuries by many Indigenous peoples of Central and South America. The colourant is known to be safe and is traditionally used for beautification, camouflage and for the protection that it offers from sunburn and biting insects. The fruit is also eaten when ripe, and used in the preparations of various jams, jellies and beverages.

## 12. Ecological Information

Biodegradable substance:	Ultimately biodegradable.
--------------------------	---------------------------

## 13. Disposal Considerations

Product:	Arrange disposal as non-hazardous waste in accordance with local regulations.
Used packaging:	Dispose in accordance with federal, state/provincial/regional and local regulation.

## 14. Transport Information

Classification data:	Non-hazardous substance. UN classification does not apply, nor is specific labelling required.
Packaging requirements:	For independent small quantities (<5kg) transport is acceptable in suitable hermetically sealed pouches, potentially packaged within additional protective, lined, cardboard cartons. For independent large quantities (>5 kg) transport as a non-hazardous liquid in UN freestanding packaging.
Harmonized code:	3304 99 00 00



## 15. Regulatory information

Not applicable; substance is not classified (see 'classification data' above).

## 16. Other information

Recommended restrictions on use: Please refer to local registration. Use with moderation.

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since we can neither anticipate nor control the different conditions under which this information and our products are used. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Each manufacturer should evaluate their final products to determine compliance with all relevant federal, state and local regulations. Further we can disclaim all liability with regard to its customers' infringement of third party intellectual property including, but not limited to, patents. We recommend that our customers apply for licenses under any relevant patents. No statement herein or by our employees shall be construed to imply the non-existence of relevant patents or as a recommendation or inducement to infringe said patents.

Blue Leaf B.V., its employees, and any company or individual affiliated with us are not responsible for any damages or personal injury as a result of use, misuse and / or unauthorized distribution of Blue Leaf B.V. products. No responsibility or liability for any consequences arising from the use of this document can be accepted, including possible patent infringement or other rights belonging to another party.

Yours sincerely,

For and on behalf of Blue Leaf B.V.

Name:  A.R. de Raad  
Function: General Manager  
Date: April 1, 2022