



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.
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Company website address:	http://www.jaguahenna.com
Email:	info@jaguahenna.com
Telephone:	+31 (0)6 16 70 26 99 (Weekly 9am – 5pm GMT +1)
Emergency telephone number:	+31 6 57 94 80 88



2. Composition

The substance composition is an aqueous gel formulation containing the following ingredients: Genipa Americana Fruit Extract, Squalane, Xanthan Gum, Acacia Senegal Gum, Phenoxyethanol, and Ethylhexylglycerin. Information for each active ingredient is provided below:

Substance Ingredient	CAS number	EINECS number	Classification
Genipa Americana Fruit Extract**	999999-99-4	310-127-6	Colourant
Xanthan gum	11138-66-2	234-394-2	Thickener
Phenoxyethanol	122-99-6	204-589-7	Preservative
Acacia Senegal Gum	9000-01-5	232-519-5	Thickener
Squalane	111-01-3	203-825-6	Penetration enhancer
Ethylhexylglycerin	70445-33-9	408-080-2	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, Hydatoin, 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.
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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.

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Yours sincerely,

For and on behalf of Blue Leaf B.V.

Name:  A.R. de Raad
Function: Director
Date: June 15, 2023