

## 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

<b>1.1 Product ID:</b>	BrowXenna® Lamination for thick and normal hair № 2 Fix
<b>1.2 Applications:</b>	The product is used in cosmetology for the care of eyebrows and eyelashes.
<b>1.3 Supplier details:</b>	
- Manufacturer / Supplier	GOLDEN RATIO TRADING L.L.C.
- Legal address	UAE, DUBAI, OUD METHA, 8B STREET, REEM 4 BUILDING, OFFICE 5
- Mailing address	UAE, DUBAI, OUD METHA, 8B STREET, REEM 4 BUILDING, OFFICE 5
- Phone number	
- Email	E-MAIL: SALES@GOLDENRATIO-TRADING.COM

## 2. HAZARD IDENTIFICATION

### 2.1 Hazard classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP):

Skin corrosion/irritation: category 2;  
Serious eye damage/eye irritation: category 1;  
Specific target organ toxicity – single exposure: category 3;  
Hazardous to the aquatic environment, short-term (Acute): category 1;

#### 2.1.2 Additional information:

Full text of the statement of the EU hazard: see section 16.

### 2.2 Label elements (CLP):

*Labeling according to Regulation (EC) No 1272/2008 [CLP] Hazard pictograms*



*Signal word:*

**Danger**

*Hazard statements:*

H315: Causes skin irritation  
H318: Causes serious eye damage  
H335: May cause respiratory irritation  
H400: Very toxic to aquatic life

*Prevention:*

- P261: Avoid breathing dust/fume/gas/mist/ vapours/spray;
- P264: Wash hands thoroughly after handling;
- P271: Use only outdoors or in a well-ventilated area;

- P272: Contaminated work clothing should not be allowed out of the workplace;
- P273: Avoid release to the environment;
- P280: Wear protective gloves;

*Response:*

- P302+P352: IF ON SKIN: Wash with plenty of water;
- P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305 + P354 + P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333+P317: If skin irritation or rash occurs: Get medical help;
- P337+P313: If eye irritation persists: Get medical advice/attention;
- P362+P364: Take off contaminated clothing and wash it before reuse;

*Storage:*

- P403+P233: Store in a well-ventilated place. Keep container tightly closed;
- P405: Store locked up.

**2.3 Other hazards**

The product does not contain SVHC substances > 0.1% according to Regulation (EC) No 1907/2006 §59 (REACH) The substances in the mixture do not meet the PBT / vPvB criteria according to REACH, Annex XIII.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 General product specification: Blend

**Declaration of ingredients according to CLP (EC) No. 1272/2008:**

EC №	CAS №	Mass fraction, %	Substance name (IUPAC)	Hazard Classification in accordance with Directive (EC) № 1278/2008 (CLP)
231-791-2	7732-18-5	92,28-93,54	Distilled water	Not classified
204-017-6	112-92-5	3,5-4,0	Octadecan-1-ol	Not classified
231-765-0	7722-84-1	2,5-3,0	Hydrogen peroxide	Oxid. Liquid 1, H271 Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Corr. 1A, H314 Eye Damage 1, H318 STOT SE 3, H335
500-212-8	68439-49-6	0,2-0,3	Alcohols, C16-18, ethoxylated	Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400
204-589-7	122-99-6	0,10-0,15	2-Phenoxyethanol	Acute Tox. 4, H302 Eye Dam. 1, H318 STOT SE 3, H335
408-080-2	70445-33-9	0,10-0,15	3-(2-ethylhexyloxy)propane-1,2-diol	Acute Tox. 4, H332 Eye Damage 1, H318 Aquatic Chronic 3, H412

203-928-6	112-02-7	0,05-0,10	Cetrimonium chloride	Acute Tox. 4, H302 Skin Corr. 1C, H314 Eye Damage 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
231-633-2	7664-38-2	0,01-0,02	Orthophosphoric acid	Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Damage 1, H318

*Full text of H-Statements: see section 16.*

#### 4. FIRST AID MEASURES

##### 4.1 First aid measures

###### - following inhalation

Fresh air, peace, warmth, clean clothes. Seek medical attention if necessary.

###### - following skin contact

Wash off with running water and soap. Seek medical attention if necessary.

###### - following eye contact

Rinse with running water with wide open palpebral fissure. Seek medical attention if necessary.

###### - following ingestion

Rinse mouth with water, activated charcoal, saline laxative. Seek medical attention if necessary.

##### Contraindications

Not

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

###### - following inhalation

Headache, dizziness, sore throat, cough

###### - following skin contact

Reversible damage to the skin with the formation of a scab, severe swelling; pronounced erythema and edema; inflammation

###### - following eye contact

Irreversible damage to the cornea, iris or mucous membrane of the eye; clouding of the cornea or inflammation of the iris; damage (irreversible) to the tissues of the eye or very pronounced hyperemia of the conjunctiva, pronounced edema - the eyelids almost completely close, the cornea is opaque, the iris is not visible, there is no reaction to light, the discharge is very strong - moisturize the eyelids and the skin around the eyes.

###### - following ingestion

Nausea, vomiting, diarrhea, abdominal pain.

##### 4.3 Indication of immediate medical attention and special treatment

Is absent

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

*Suitable extinguishing media:*

Water mist, foam, dry powder, carbon dioxide

*Unsuitable extinguishing media*

Direct water jets

### 5.2 Special hazards arising from the substance or mixture

*Hazardous combustion products:*

Carbon monoxide, carbon dioxide, organic decomposition products.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Not required. The product is non-flammable.

*Protective gear:*

Breathing apparatus in case of high concentrations of product vapors in the air.

*Emergency procedures:*

Provide adequate ventilation. Use personal protective clothing. Keep away from sources of ignition.

Use breathing apparatus when exposed to fumes/dust/mist/aerosol. Do not breathe vapors or spray mist. Wash hands thoroughly with soap and water after handling.

In case of fire, use a flame retardant suit.

6.1.2 For emergency responders:

Remove damaged packages from the danger area. When pouring the product, protect it with an earthen rampart, fill it with an inert material, and collect it in dry containers.

### 6.2 Environmental precautions

Do not allow to enter drains, sewers or surface water.

### 6.3 Methods and materials for containment and cleaning up

Prevent and eliminate, if possible, product leakage. Small amounts of product and/or residues: Pick up with absorbent material (e.g., sand, diatomaceous earth, acid scavenger, universal absorbent or sawdust). Dispose of in accordance with approved regulations.

### 6.4 Reference to other sections

Proceed according to the instructions in section 5.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

No special precautions required

### 7.2 Conditions for safe storage, including any incompatibilities

Do not damage the integrity of the package. Store in a cool, dry, well-ventilated area at a relative humidity of 30 - 75%.

#### *Incompatible substances or mixtures*

Strong bases, strong oxidizing agents

### 7.3 Specific application

No information available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

For monitoring procedures, see for example "Empfohlene Analysenverfahren für Arbeitsplatzmessungen, Schriftenreihe der Bundesanstalt für Arbeitsschutz and NIOSH Manual of Analytical Methods", National Institute for Occupational Safety and Health.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

#### *Technical measures to prevent exposure:*

General exchange supply and exhaust and local ventilation system

#### 8.2.2 Personal protective equipment:

##### *Respiratory protection:*

- Low concentrations and short-term activity (max. 15 min.): Filtering masks with filter type E. Be aware of the filter capacity and use time limits!
- High concentrations or unknown effects or prolonged activity: self-contained breathing apparatus.

##### *Hand protection:*

Protective gloves must comply with EN 374.

Suitable glove material: Fluoroelastomer, butyl rubber, chloroprene, nitrile rubber, PVC, latex. The suitability of a particular supplier's glove should be determined based on the conditions of use (chemical, mechanical, thermal stress and time of use/contact).

##### *Eye and face protection:*

Safety goggles with side protection or goggles comply with EN 166. Full face mask.

##### *Skin and body protection:*

Acid-resistant protective overalls, safety shoes or boots.

#### 8.2.3 Environmental exposure controls:

##### *Substance/mixture related measures to prevent exposure:*

Avoid contact with skin and eyes. Do not breathe gas or aerosol (mist). Apply PPE if necessary.

Remove contaminated clothing immediately.

Wash your hands immediately after handling chemicals and before breaks. Do not eat, drink or smoke

at work, keep food and drinks away.

*Exposure controls:*

Regular monitoring of the content of product vapors in the air of the working area.

*Organizational measures to prevent exposure:*

No, if they are processed as described.

*Technical measures to prevent exposure:*

Regular wet cleaning in industrial premises. Maximum mechanization and automation of the technological process.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

a) Appearance

Liquid

b) Odour

Specific

c) Odour threshold

No information available

d) pH

No information available

f) Melting/freezing point

No information available

f) Initial boiling point and boiling range No information available

g) Flash point

No information available

h) Evaporation rate

No information available

i) Upper/lower flammability or explosive limits No information available

No information available

j) Vapor pressure

No information available

k) Vapor density

No information available

l) Relative density

No information available

- m ) Solubility in water  
100 %
- n ) Dissolution ratio: n - octanol / water  
No information available
- o ) Auto-ignition temperature  
No information available
- p ) Decomposition temperature  
No information available
- r ) Viscosity  
No information available
- s ) Explosive properties  
No information available
- t ) Oxidizing properties  
No information available

**9.2. Additional Information**  
No information available

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

The product is stable under normal conditions of handling, storage and transport.

**10.2 Chemical resistance**

Stable under normal storage conditions.

**10.3 Possibility of hazardous reactions**

Is absent

**10.4 Conditions to avoid**

Avoid heat. Avoid temperatures below the crystallization range.

**10.5 Incompatible materials**

Strong bases, strong oxidizing agents

**10.6 Hazardous decomposition products**

None when used as intended

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

- *Acute toxicity*

Not classified as acutely toxic

- *Corrosion / skin irritation*  
Causes skin damage (necrosis)/irritation: Category 2
- *Serious eye damage/irritation.*  
Causes serious eye damage/eye irritation: Category 1
- *Sensitization*  
Not classified
- *Germ cell mutagenicity*  
Not classified
- *Carcinogenicity*  
Not classified
- *Reproductive toxicity*  
Not classified
- *Summary CMR properties assessment*  
The product does not possess carcinogenic and mutagenic properties.
- *STOT-single exposure*  
It has selective toxicity to target organs and / or systems with a single exposure: class 3
- *STOT-repeated exposure*  
Not classified
- *Aspiration hazard*  
Not classified

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

*Acute (short-term) toxicity:*  
Very toxic to aquatic life, category 1

### 12.2 Persistence and degradability

*Abiotic degradation:*  
There is no data

*Physical and photochemical reactions:*  
There is no data

*Biodegradation:*  
There is no data

### 12.3 Bioaccumulative potential



*Partition coefficient n- octanol /water (Log kow):*

There is no data

*Bioaccumulation Factor (BCF):*

There is no data

**12.4 Mobility in soil**

*Known or suspected distribution to the environment:*

There is no data

*Surface tension:*

There is no data

*Adsorption / Desorption:*

There is no data

**12.5 Results of PBT and vPvB assessment**

Substance is not PBT / vPvB

**12.6 Other side effects**

No information available

**12.7 Additional information**

No information available

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

Safety measures for waste handling are similar to those used for handling finished products. When disposing of waste, consult with regional waste disposal experts.

Do not allow to enter sewers.

Disposal in accordance with EU Directive 91/692/EEC.

**13.2 The relevant provisions relating to waste**

Allocate code numbers/waste markings in accordance with EAKV for industry and industrial processes.

**13.3 Notes**

Waste should be divided into categories that can be handled separately by local or national waste management facilities. Please consider relevant national or regional regulations.

**14. TRANSPORT INFORMATION**

**14.1** UN number

Not subject to Dangerous Goods Regulations

**14.2** UN name

It does not matter

**14.3** Transport hazard class(es)

It does not matter

<b>14.4</b> Packing group	It does not matter
<b>14.5</b> Environmental hazards	None (not hazardous to the environment in accordance with technical regulations)
<b>14.6</b> Special precautions for user	No additional information.
<b>14.7</b> Transport of containers in accordance with Annex II of MARPOL 73/78 and the RID Code	It does not matter
<b>14.8</b> Information on each of the UN Model Regulations • Transportation of dangerous goods by road, rail and inland waterways (ADR/RID/ADN)	Not subject to ADR, RID and ADN.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/special regulations for the substance or mixture Relevant European Union (EU) provisions

- **Regulation 649/2012/EU on the export and import of hazardous chemicals (PIC)**  
Not listed.
- **Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)**  
Not listed.
- **Regulation 850/2004/EC on persistent organic pollutants (POPs)**  
Not listed.
- **Restrictions according to REACH Annex XVII**  
Not listed.
- **List of Substances Subject to Authorization (REACH Annex XIV)**  
Not listed.

### **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annexes II**

Not listed.

### **Regulation 166/2006/EC establishing European pollutant release and transfer registers (PRTRs)**

Not listed.

### **Directive 2000/60/EC laying down a framework for Community action in the field of water policy (WFA)**

Not listed.

### **National regulations**

Not

### 15.2 Substance safety assessment

There is no data

## 16. OTHER INFORMATION:

### Full text of the classifications, including the explanation of the hazard symbols of the hazard statements given in Chapter 2 or 3:

*Hazard statements:*

H315: Causes skin irritation

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H335: May cause respiratory irritation  
H400: Very toxic to aquatic life

*Prevention:*

- P261: Avoid breathing dust/fume/gas/mist/ vapours/spray;
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*Storage:*

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- P405: Store locked up.

**Acronyms:**

CLP - Regulation (EC) No 1272/2008 on the classification, labeling and packaging of substances and mixtures

EINECS - European Inventory of Existing Commercial Chemicals  
ELINCS - European Inventory of Detectable Chemicals

MARPOL - International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")

REACH - Registration, Evaluation, Authorization and Restriction of Chemicals  
IUPAC - International Union for Pure Applied Chemistry

vPvB – Very Persistent and Very Bioaccumulative . PBT - Persistent, Bioaccumulative and Toxic substance. LC50 - Lethal Concentration to 50% of a test population. EC20 - Effective concentration of 20%  
DL50 - Lethal Dose to 50% of a test population (Median Lethal Dose).

NOEC: No Observed Effect Concentration

STOT – Specific Target Organ Toxicity

CAS - Chemical Abstracts Service number.

EC - European Community.

ADN - Accord European relatif au transport international des marchandises dangereuses par voies de navigation intérieurs

ADR - Accord European relatif au transport international des marchandises dangereuses par route

RID - Regulation concernant le transport International ferroviaire des marchandises Dangereuses

GHS - Globally Harmonized System of Classification and Labeling of Chemicals, developed by the United Nations

**Main Literature References and Data Sources**

- Regulation (EC) No 1907/2006 (REACH), as amended by 453/2010/EC

Product: BrowXenna® Lamination for thick and normal hair № 2 Fix  
Supplier: GOLDEN RATIO TRADING L.L.C.

Material Safety Data Sheet  
in accordance with Regulation (EC) No 1907/2006  
Version 1.0  
Revision date: 09/06/2022

- Regulation (EC) No 1272/2008 (CLP, EU GHS)
- Information resource: <https://echa.europa.eu/>

**Renunciation:**

The information in this safety data sheet relates only to the specified product in the form being compiled and is not necessarily valid if this material is used in combination with other materials or in processes other than those specified in the instructions for use. This information is believed to be accurate and reliable by the supplier as of the date of issuance of this safety data sheet. It is the consumer's responsibility to determine the appropriate use of the product under different circumstances. Data from the safety data sheet is not proof of product quality, but only a recommendation for organizing the safe use of products. In case of non-observance of the precautions described in the safety data sheet or improper use of the product, we are not responsible for the consequences.