

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

1.1 Product identifier:	BrowXenna® Minerals for water henna water solution
1.2 Applications:	The product is used in cosmetology for breeding henna.
1.3 Details of the supplier:	
- 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	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 3

Skin sensitization: category 1

Respiratory sensitization: category 1

Specific target organ toxicity – single exposure: category 3

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:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

Prevention:

- P261: Avoid breathing dust/fume/gas/mist/ vapours/spray;
- P271: Use only outdoors or in a well-ventilated area;
- P272: Contaminated work clothing should not be allowed out of the workplace.
- 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;
- P319: Get medical help if you feel unwell;
- P342 + P316: If experiencing respiratory symptoms: Get emergency medical help immediately;
- P332 + P317: If skin irritation occurs: Get medical advice/attention;
- P333 + P317: If skin irritation or rash occurs: Get medical advice/attention;
- P362 + P364: Take off contaminated clothing and wash it before reuse;

Disposal:

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

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: Mixture

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)
61789-30-8	263-049-9	51,35-66,05	Potassium Cocoate	Not classified
471-34-1	207-439-9	15,0-17,0	Calcium carbonate	Not classified
7647-14-5	231-598-3	7,3-9,5	Sodium chloride	Not classified
10043-11-5	233-136-6	4,4-6,4	Boron nitride	Not classified
10279-57-9	600-358-3	1,1-2,85	Silica, hydrate	Not classified
1343-98-2	215-683-2	1,1-2,85	Silicic acid	Not classified
7775-27-1	231-892-1	2,0-4,0	Disodium peroxodisulphate	Oxid. Solid 3, H272 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT Single Exp. 3, H335
12003-38-2	234-426-5	1,3-3,5	Fluorphlogopite	Not classified
7786-30-3	232-094-6	0,74-0,94	Magnesium chloride	Not classified
10377-60-3	233-826-7	0,74-0,94	Magnesium nitrate	Oxid. Solid 3, H272
7429-90-5	231-072-3	0,15-0,35	Aluminium	Not classified
13463-67-7	236-675-5	0,12-0,32	Titanium dioxide	Not classified

Full text of risk factors: 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 the 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

Sore throat, cough, respiratory rhythm disorder

- following skin contact

Redness of the skin and / or the formation of scabs; distinct erythema and / or edema; weak (subtle) erythema and / or edema

- following eye contact

Under production conditions, there are no symptoms. There may be slight redness.

- following ingestion

Abdominal pain, nausea, vomiting, diarrhea.

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 jets of water

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 a 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. Wear breathing apparatus when exposed to vapors / dust / mist / aerosols. Do not breathe vapor or spray mist. After handling, wash your hands thoroughly with soap and water. In case of fire, use a flame retardant suit.

6.1.2 For emergency services:

Remove damaged packaging from hazardous area. When pouring the product, shield with an earthen shaft, cover with inert material, collect in dry containers.

6.2 Environmental precautions

Do not allow to enter drainage system, sewerage system and surface water.

6.3 Methods and material for containment and cleaning up

Prevent and eliminate product leakage if possible. Small quantities of product and / or residues: Pick up with absorbent material (eg 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 violate the integrity of the packaging. Store in a cool, dry, well-ventilated area with a relative humidity of 30 - 75%.

Incompatible substances or mixtures

Strong acids, strong bases

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:

Not required for normal product use

8.2.3 Environmental exposure controls:

Substance / mixture of related measures to prevent exposure:

Not if they are processed as described.

Measures to prevent exposure:

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

Organizational measures to prevent exposure:

Not if they are processed as described.

Technical measures to prevent exposure:

Regular wet cleaning in production areas. Maximum mechanization and automation of the technological process.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance

Homogeneous liquid

b) Odour

Specific, inherent in the products of this name

c) Odour threshold

Information is absent

d) pH

Information is absent

f) Melting point / freezing

Information is absent

f) Initial boiling point and boiling range

Information is absent

g) Flash point

Information is absent

h) Evaporation rate

Information is absent

i) Upper / lower limits of flammability or explosive

Information is absent

j) Vapor pressure

Information is absent

k) Vapor density

Information is absent

l) Relative Density

Information is absent

m) Solubility in water

100 %

n) Partition coefficient: n-octanol/water

Information is absent

o) Autoignition temperature

Information is absent

p) Decomposition temperature

Information is absent

r) Viscosity

Information is absent

s) Explosive properties

Information is absent

t) Oxidizing properties

Information is absent

9.2. Additional Information

Information is absent

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

Absent

10.4 Conditions to avoid

Avoid heating. Avoid temperatures below the crystallization range.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidizing agents

10.6 Hazardous decomposition products

Absent when used as directed

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- *Acute toxicity*
Shall not be classified as acutely toxic
- *Skin corrosion / irritation*
Causes mild skin irritation: category 3
- *Serious eye damage / irritation*
Not classified
- *Respiratory or skin sensitisation*
Skin sensitization: category 1
Respiratory sensitization: category 1
- *Germ cell mutagenicity*
Not classified
- *Carcinogenicity*
Not classified
- *Reproductive toxicity*
Not classified
- *Summary CMR properties assessment*
The product is not carcinogenic or mutagenic.
- *STOT-single exposure*
May cause respiratory irritation: category 3
- *STOT-repeated exposure*
Not classified

- *Aspiration hazard*
Not classified

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short term) toxicity:

Not classified

12.2 Persistence and tendency to degradation

Abiotic Degradation:

There is no data

Physically and photochemical elimination:

There is no data

Biodegradation:

There is no data

12.3 Bioaccumulative potential

Partition coefficient n-octanol / water (Log Kow):

There is no data

bioconcentration factor (BCF):

There is no data

12.4 Mobility in soil

Known or predicted 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

Information is absent

12.7 Additional information

Information is absent

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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

Do not empty into drains.
 Disposal in accordance with EU directive 91/692 / EEC.

13.2 The relevant provisions relating to waste

The allocation of code numbers / waste labeling is carried out in accordance with EAKV for industry and industrial processes.

13.3 Notes

Waste should be categorized, which can be treated separately by local or national waste management facilities. Please consider the relevant national or regional regulations.

14. TRANSPORT INFORMATION

14.1 UN number	Not subject to regulations for the transport of dangerous goods
14.2 UN name	It does not matter
14.3 Transport hazard class (es)	It does not matter
14.4 Packing group	It does not matter
14.5 Environmental hazards	None (not hazardous to the environment in accordance with technical regulations)
14.6 Special precautions for user	There is no further information.
14.7 Transport of containers in accordance with Annex II of MARPOL 73/78 and the RID Code	It does not matter
14.8 Information on each of the UN Model Regulations • Carriage 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 / legislation specific for the substance or mixture
Relevant European Union (EU) regulations

- **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, Appendix 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) - Annex II

Not listed.

Regulation 166/2006 / EC establishing European Pollutant Release and Transfer Registers (PRTRs)

Not listed.

Directive 2000/60 / EC establishing a framework for Community action on water policy (WFD)

Not listed.

National regulations

Not

15.2 Material safety assessment

There is no data

16. OTHER INFORMATION

Full text classifications, including decoding hazard symbols Hazard given in Chapter 2 or 3:

Hazard statements:

H316: Causes mild skin irritation

H317: May cause an allergic skin reaction

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

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Prevention:

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

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- P333 + P317: If skin irritation or rash occurs: Get medical advice/attention;
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Disposal:

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

Acronyms:

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

EINECS - European Inventory of Existing Commercial Chemical Substances

ELINCS - European Inventory of Traceable 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 européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures
ADR - Accord européen relatif au transport international des marchandises dangereuses par route
RID - Règlement concernant le transport International ferroviaire des marchandises Dangereuses
GHS - Globally Harmonized System of Classification and Labeling of Chemicals developed by the United Nations

Key literature references and data sources

- Regulation (EC) No 1907/2006 (REACH), as amended by 453/2010 / EC
- Regulation (EC) No 1272/2008 (CLP, EU GHS)
- Information resource: <https://echa.europa.eu/>

Renunciation:

The information in this MSDS applies only to the specified products in the form of preparation and is not necessarily valid if this material is used in combination with other materials or in processes not specified in the instructions for use. The supplier believes that this information is accurate and reliable on the day this SDS is issued. It is the consumer's responsibility to determine the appropriateness of the product's use in different circumstances. The data from the safety data sheet is not a proof of product quality, but only a recommendation for the organization of the safe use of the product. In case of non-compliance with the precautions described in the safety data sheet, or misuse of the product, we are not responsible for the consequences.