

**SAFETY DATA SHEET**

**BICOWHITE®COMPLEX**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

1.1 Product Identifier	BICOWHITE® COMPLEX
Code	BW_LM4
1.2 Relevant identified uses of the substances or mixture and uses advised against	Cosmetic Ingredient
1.3 Details of the supplier of the safety data sheet	<p><i>Bicosome S.L.</i>  <i>Jordi Girona 18 – 26</i>  <i>08034 Barcelona, Spain</i>  <i>+34 934006163</i>  <i>+34 932045904</i>  <a href="mailto:info@bicosome.com">info@bicosome.com</a></p>
1.4 Emergency Telephone	+34 934006163 (available during office hours)

**SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture	The Mixture is not classified as dangerous according to the criteria of Regulation (EC) No. 1272/2008
2.2 Label elements	According to Regulation (EC) No. 1272/2008 (CLP): EUH210 – Safety data sheet available on request
2.3 Other Hazards	This mixture contains no components considered to either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB), at levels of 0.1% or higher.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance

Not applicable

### 3.2 Mixtures

**Description:** BICOWHITE® COMPLEX is a lipid delivery system containing active ingredients with brightening and lightening effects.

### Hazardous components

INCI	EINECS No.	CAS No.	CLASSIFICATION ACCORDING TO 1272/2008	Conc. (%)
NIACINAMIDE	202-713-4	98-92-0	Eye Irrit. 2; H319	1.0 – 5.0
3-0 ETHYL ASCORBIC ACID	-	86404-04-8	Eye Irrit. 2; H319	1.0 – 5.0

**Additional information** For the wording of the listed risk phrases refers section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 General Information:

- Inhalation:
- Skin Contact:
- Eye Contact:
- Ingestion:

No immediate or long-term medical attention is required

No specific measures required

Generally, not skin irritant

In case of contact with eyes rinse thoroughly with water

No specific measures required

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

None expected

### 4.3 Indication of any immediate medical attention and special treatment needed:

None Known

**SECTION 5: FIREFIGHTING MEASURES**

5.1 Extinguishing media	
Suitable extinguishing media:	Foam, Dry power, Carbon oxide, Water
Extinguishing media that must not be used for safety reasons:	None known
5.2 Special exposure hazards arising from the substance or preparation itself:	None known
5.3 Advise for firefighters	No special requirements needed

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment emergency procedures:	Foams slippery surfaces with water.
6.2 Environmental precautions:	Do not discharge into the drains/surface waters/ground water
6.3 Methods for containment and cleaning up:	Take up mechanically. Dispose of absorbed material in accordance with the regulations.
6.4 Reference to other sections	See section 7 for information on safe handling See section 8 for information on personal protection an equipment See section 13 for disposal information

**SECTION 7: HANDLING AND STORAGE**

7.1 Precautions for safe handling:	No special measures necessary if used correctly. Don't eat or drink during handling the product
7.2 Conditions for safe storage, including any incompatibilities:	Keep container tightly closed. Store in a dry place between 5 – 25°C Protect from light. Storage at no more than 8°C further improves the shelf life.
7.3 Specific use:	The product is used for cosmetic

	<p>applications. It is recommended to stir de full content of the container before use or fractioning to assure adequate homogeneity.</p>
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**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

<p>8.1 Control parameters occupational exposure limits values</p> <p>8.2 Exposure controls appropriate engineering controls</p> <ul style="list-style-type: none"> <li>▪ Personal protection equipment</li> <li>- Respiratory protection</li> <li>- Hand protection</li> <li>- Eye Protection</li> <li>▪ Environmental exposure controls</li> </ul>	<p>No additional information available</p> <p>No special measures required under normal conditions of use</p> <p>No special measures required under normal conditions of use</p> <p>Avoid contact with eyes</p> <p>Environmental protection legislation for every country must be observed</p>
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

- Appearance:	
Physical state:	Fluid
Colour:	Off-white
- Odour:	Characteristic
- Odour threshold:	Not determined
- pH:	4 – 6
- Melting point:	Not determined
- Boiling point/boiling range:	Not determined
- Flash point:	> 90°C*
- Evaporation rate:	Not determined
- Flammability (solid, gas):	Not applicable
- Upper/lower flammability/explosive limits:	Not applicable
- Vapour pressure:	Not applicable
- Vapour density:	Not applicable
- Relative density:	Not determined
- Solubility:	Dispersible in water
- Partition coefficient: n-octanol/water	Not determined
- Auto-ignition temperature:	Not applicable
- Decomposition temperature:	Not determined
- Viscosity (25°C):	Not determined
- Explosive properties:	Not applicable
- Oxidising properties:	Not determined

\*All the ingredients that form the mixture have a flash point upper than 96°C

9.2 Other information	None
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## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:	No special reactivity known under normal conditions of use
10.2 Chemical stability:	Stable stored tightly closed in a dry place between 5 – 25°C and protect from light
10.3 Possibility of hazardous reactions:	No hazardous reactions known under normal conditions of use
10.4 Conditions to avoid:	Keep away from direct sunlight and ignition source

10.5 Incompatible materials:	Strong oxidizing reagents
10.6 Hazardous decomposition products:	No hazardous decomposition products known under normal conditions of use

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects

- Acute toxicity Niacinamide	Oral: LD <sub>50</sub> =3530–3540 mg/Kg (rat) Dermal: LD <sub>50</sub> >2000 mg/Kg (rabbit)
3-0 Ethyl Ascorbic Acid	Oral: LD <sub>50</sub> = 5900 mg/Kg (rat)
- Skin corrosion/irritation BICOWHITE® COMPLEX	Non-irritant, based on available data from OECD 439 Test
LACTOBACILLUS FERMENT	Non-Irritant (Dermal Irritection Model)
- Serious eye damage/irritation: BICOWHITE® COMPLEX	Negligible cytotoxicity, based on available data from Neutral Red Release method.
LACTOBACILLUS FERMENT	Non-Irritant (Ocular Irritection Model)
- Respiratory or Skin sensitization: BICOWHITE® COMPLEX	Non sensitizing, based on available data from Human Repeated Insulted Patch Test (HRIPT test with 50 volunteers)
LACTOBACILLUS FERMENT	Non-Primary Irritant & Non-Primary Sensitizers; Will not cause allergic contact dermatitis (In Chemico Skin Sensitization Direct Peptide Reactivity Assay & In Vitro Skin Sensitization ARE-Nrf2 Luciferase Test Method)
- Germ cell mutagenicity:	Based on available data, the classification criteria are not met
- Carcinogenicity:	Based on available data, the classification criteria are not met
- Reproductive toxicity	Based on available data, the classification criteria are not met
- STOT-single exposure:	Not determined

- STOT-repeated exposure:	Not determined
- Aspiration hazard:	Not determined
- Other information:	Not classified as CMR according to Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 317/2014

## SECTION 12: ECOLOGICAL INFORMATION

<p>12.1 Toxicity:</p> <ul style="list-style-type: none"> <li>- Toxicity for the fish Niacinamide 3-0 Ethyl Ascorbic Acid</li> <li>- Toxicity to Daphnia Niacinamide 3-0 Ethyl Ascorbic Acid</li> <li>- Toxicity to algae Niacinamide 3-0 Ethyl Ascorbic Acid</li> </ul> <p>12.2 Persistence and degradability: Niacinamide 3-0 Ethyl Ascorbic Acid</p> <p>12.3 Bioaccumulative potential:</p> <p>12.4 Mobility in soil:</p> <p>12.5 Results of PBT and vPvB assessment:</p> <p>12.6 Other harmful effects:</p>	<p>LC<sub>50</sub> (96h) &gt; 1000 mg/L No data available</p> <p>EC<sub>50</sub> (24h) &gt; 1000 mg/L EC<sub>50</sub> (48h) &gt; 100 mg/L</p> <p>IC<sub>50</sub> (72h) &gt; 1000 mg/L ErC<sub>50</sub> (72h) &gt; 100 mg/L</p> <p>95 % (28 d) 35% (28 d)</p> <p>No bioaccumulation is expected</p> <p>No data available</p> <p>This mixture contains no components considered to either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB), at levels of 0.1% or higher.</p> <p>No data available</p>
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## SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:  
Product/ Container

Dispose in accordance with local and national regulations

Waste should not be disposed of through the sewer

## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR/RID/IMDG/IATA/AND

14.1 UN-number

Not classified as dangerous in the meaning of transport regulations

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations

14.4 Packing group

Not classified as hazardous under transport regulations

14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code

Not applicable

## SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- European (EC) regulations:

Contain no REACH substances with Annex XVII restrictions

Contains no substances on the REACH candidate list

Contain no REACH Annex XIV substances

15.2 Chemical Safety Assessment	No information available
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## SECTION 16: OTHER INFORMATION

Information based on classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 2015/830 (REACH).

All data and recommendations as well as formulation made herein are based on our present state of knowledge. We disclaim all liability on risks or formula that may result from the use of our products, including improper and illicit use.

### Full text of H statements

H319 Causes serious eye irritation

EUH210 Safety data sheet available on request

### Full text of other abbreviations

Acute Tox. Acute Toxicity

Skin Irrit. Skin irritation

Eye Irrit. Eye irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; CLP - Classification Labelling Packaging Regulation; CMR - Carcinogen, Mutagen or Reproductive Toxicant; ECx - Concentration associated with x% response; ErCx - Concentration associated with x% growth rate response; IATA - International Air Transport Association; IC50 - Half maximal inhibitory concentration; IMDG - International Maritime Dangerous Goods; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); NOAEL - no-observed-adverse-effect level ; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail.