



Material Safety Data Sheet
according to Regulation (EC) No. 1907/2006

MARINE-Z

1 - IDENTIFICATION OF THE PRODUCT AND COMPANY

1.1 Identification of the substance / preparation

Trade name : **MARINE-Z**

1.2 Use of the substance / preparation

Raw material for cosmetics preparations

1.3 Identification of the supplier company

Company : Elemental SRL Piata Cazarmii 15 Oradea, BH,
România

Telephone : +40259 436.755

Telefax : +40259 436.755

E mail address : office@elemental.eu

1.4 Emergency information

Emergency phone RO: 021 318 3606

Biroul pentru Regulamentul Sanitar Internațional și Informare Toxicologică

2 -HAZARD IDENTIFICATION

No hazard known to human and / or environment

The classification of this preparation was performed in accordance with directives 1999/45/EC - 67/548/CEE-2006/8/CEE

3 - COMPOSITION / INFORMATION ON INGREDIENTS

Components :

INCI _{USA}	INCI _{EUROPE}	N° CAS	N° EINECS	%	Symbol	R
Water	Aqua	7732-18-5	231-791-2			
Glycerin	Glycerin	56-81-5	200-289-5			
Hydrolyzed Algin	Hydrolyzed Algin	9005-32-7	232-680-1			
Zinc sulfate	Zinc sulfate	7446-20-0	616-097-3	<0.25	Xn N	R41 R22 R50/53

4 - FIRST ASSISTANCE

Eye contact : Rinse immediately with plenty of water. Seek medical attention if the symptoms persist

Skin contact : Wash with water.

Inhalation: no action is required

Ingestion : Do not induce vomiting. Seek medical attention

5 - FIRE FIGHTING MEASURES

Extinguishing media : in case of fire , use water spray, foam,CO2 or dry chemical powder

6 - ACCIDENTAL RELEASE MEASURES

Sponge up with an absorbent product (sand, sawdust).

Prevent contamination in drains, surface water , groundwater

7 - HANDLING AND STORAGE

Handling:

Handle in well-ventilated areas

Preservative free: handle under sterile conditions

Storage :

Keep in its original closed packaging at ambient temperature (15 to 25°C).

8 - EXPOSURE CONTROLS / INDIVIDUAL PROTECTION

The usual precautionary measures are to be adhered for handling chemicals.

Manipulation in accordance with good manufacturing practices and rules of industrial hygiene. Do not eat, drink or smoke during the manipulations.

Breathing protection: not necessary

Hand protection: gloves recommended

Eye protection: safety goggles recommended



9 - PHYSICAL AND CHEMICAL PROPERTIES

General informations

form 20°C	limpid liquid (a light deposit may appear with time)
Colour	Yellow
Odour	Characteristic

Important health , safety and environmental informations

pH (20°C)	4.00 - 6.00
Boiling temperature	N.D
Flash point (liquid)	N.D
Inflammability (solid)	N.A
Self ignition temperature	N.D
Explosion limits	N.A
Combustion number	N.A
Vapour pressure	N.D
Density	1.050 – 1.200
Surface tension	N.D
Water solubility	yes
Solubility in ...	water
octanol/water partition coefficient (low pow)	N.D
Viscosity	N.D
Vapour density	N.D
Evaporation rate	N.D

10 - STABILITY AND REACTIVITY

Stable in normal storage conditions.

No chemical evolution in ageing process.

11 - TOXICOLOGIC INFORMATIONS

The toxicological evaluation of the product is based on data comparable substances

Irritant effect on skin	Non irritating
Irritant effect on eyes (in vitro)	slightly irritant
Mutagenicity assay (AMES – OECD N°471)	Non mutagenic in Ames test
Acute oral toxicity	>2 ml/kg
Evaluation of allergic potential	Very well tolerated
Evaluation of phototoxic potential	Non phototoxic
Acute ocular tolerance	slightly irritant

12 - ECOTOXICOLOGIC INFORMATIONS

Aquatic Toxicity (short term)

- | | |
|-----------------------------------|--|
| - Daphnia magna straus (OECD 202) | 24h,48h EC50 >100mg/l |
| - Fish (OECD 203) | 96h LC50 >100mg/l No toxicity observable |
| - Alga (OECD 201) | 72h LC50 >100mg/l |

Degradation (biotic biodegradability) N.D

The ecotoxicological evaluation of the product is based on data comparable substances

13 - ELIMINATION INFORMATIONS

Dispose of waste according to the laws in force, preferably by a collector or a certified business
Do not contaminate the soil or water, not to their disposal in the environment
Must be dumped or incinerated in accordance with local regulations.

14 – TRANSPORT INFORMATIONS

Not classified as hazardous under transport regulation. (ADR – IMDG- IATA)

15 - REGULATIONS INFORMATIONS

The product does not require a hazard warning label according to EEC-Directives 67/548/EEC and 1999/45/EEC

16 - OTHER INFORMATIONS

List of relevant R -phrases labelling :

Xn Harmful

N dangerous for environment

R22 Harmful if swallowed

R41 risk of serious damage to eyes

R50/53 very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

N .D= non determined

N.A = non applicable

Legal disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.